

FIG. 1

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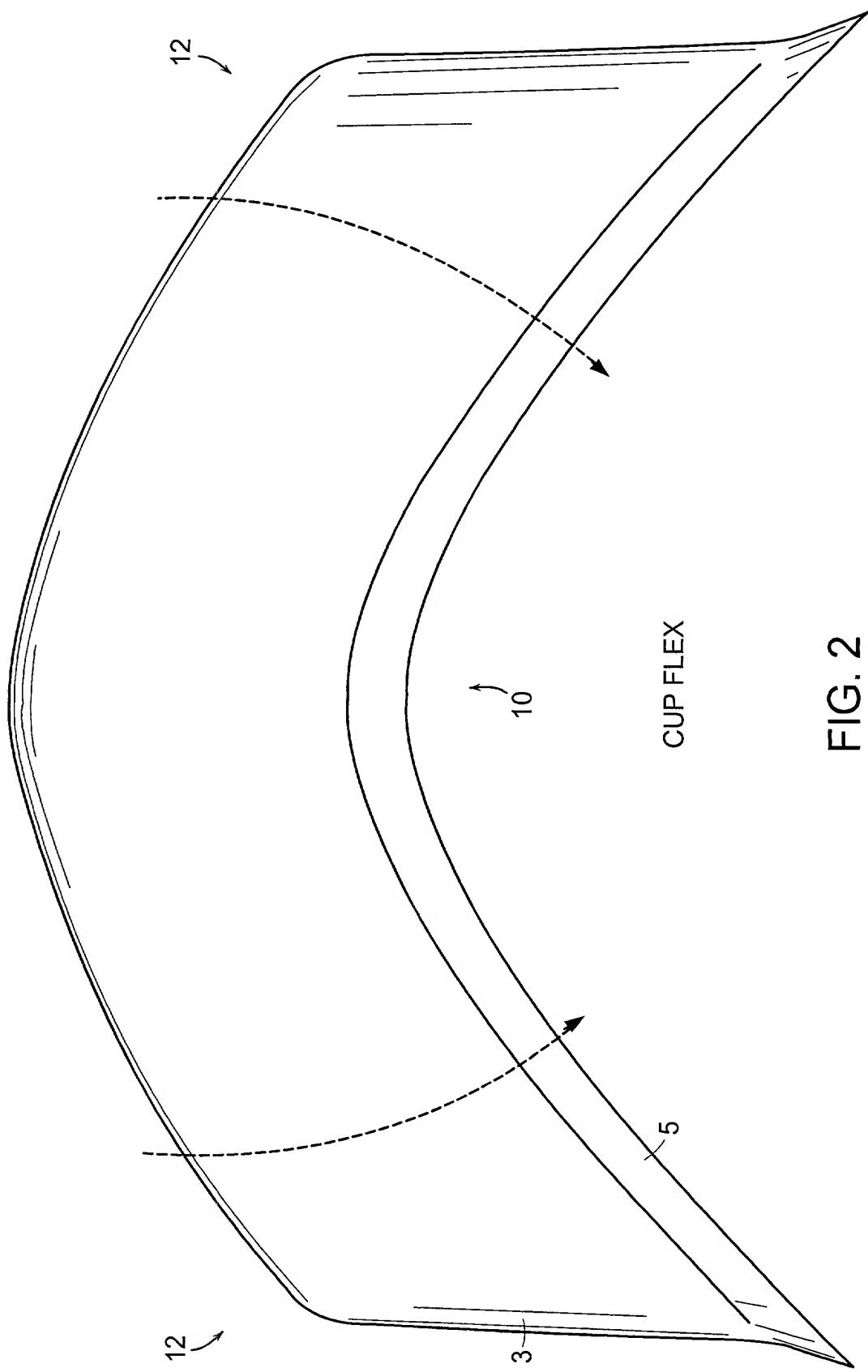


FIG. 2

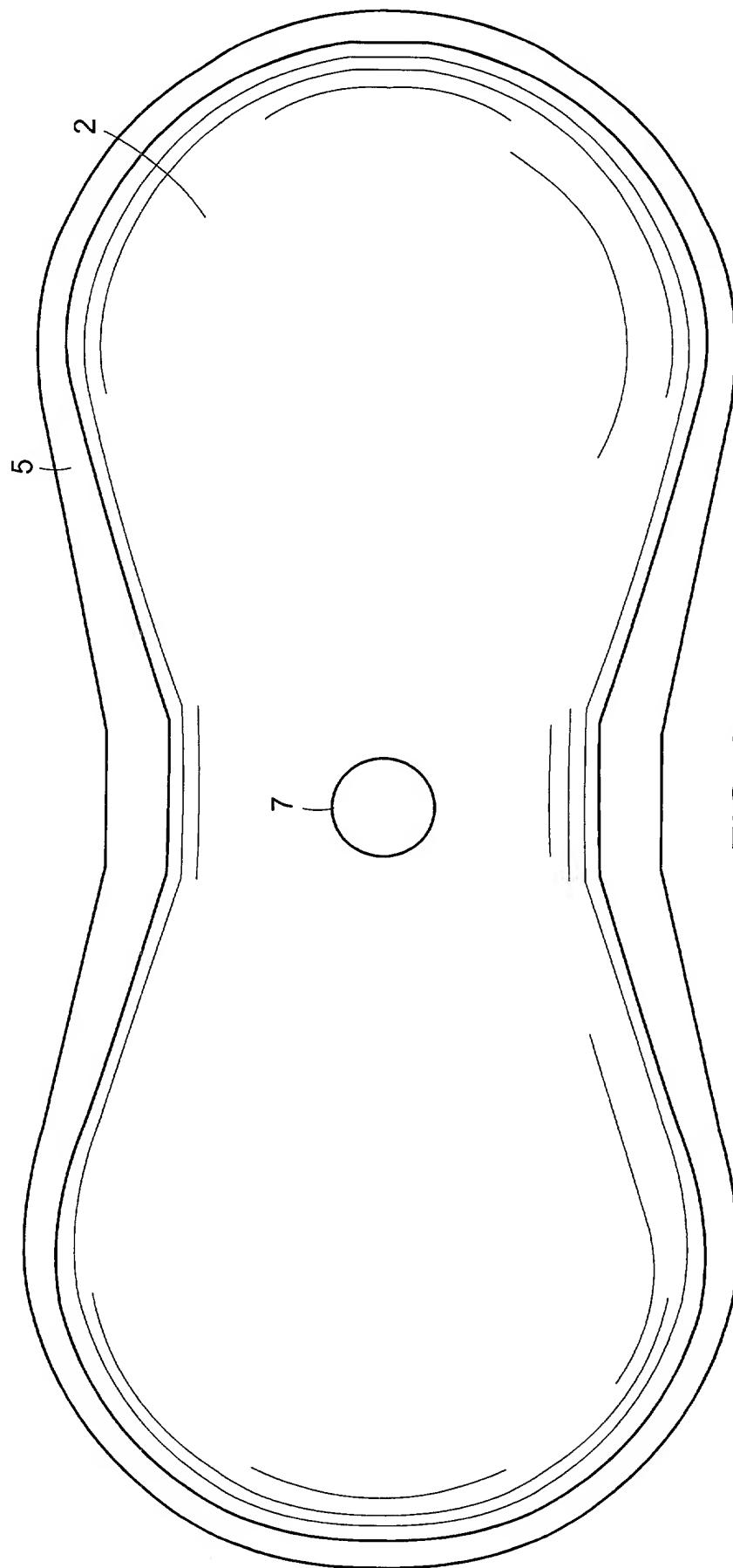


FIG. 3

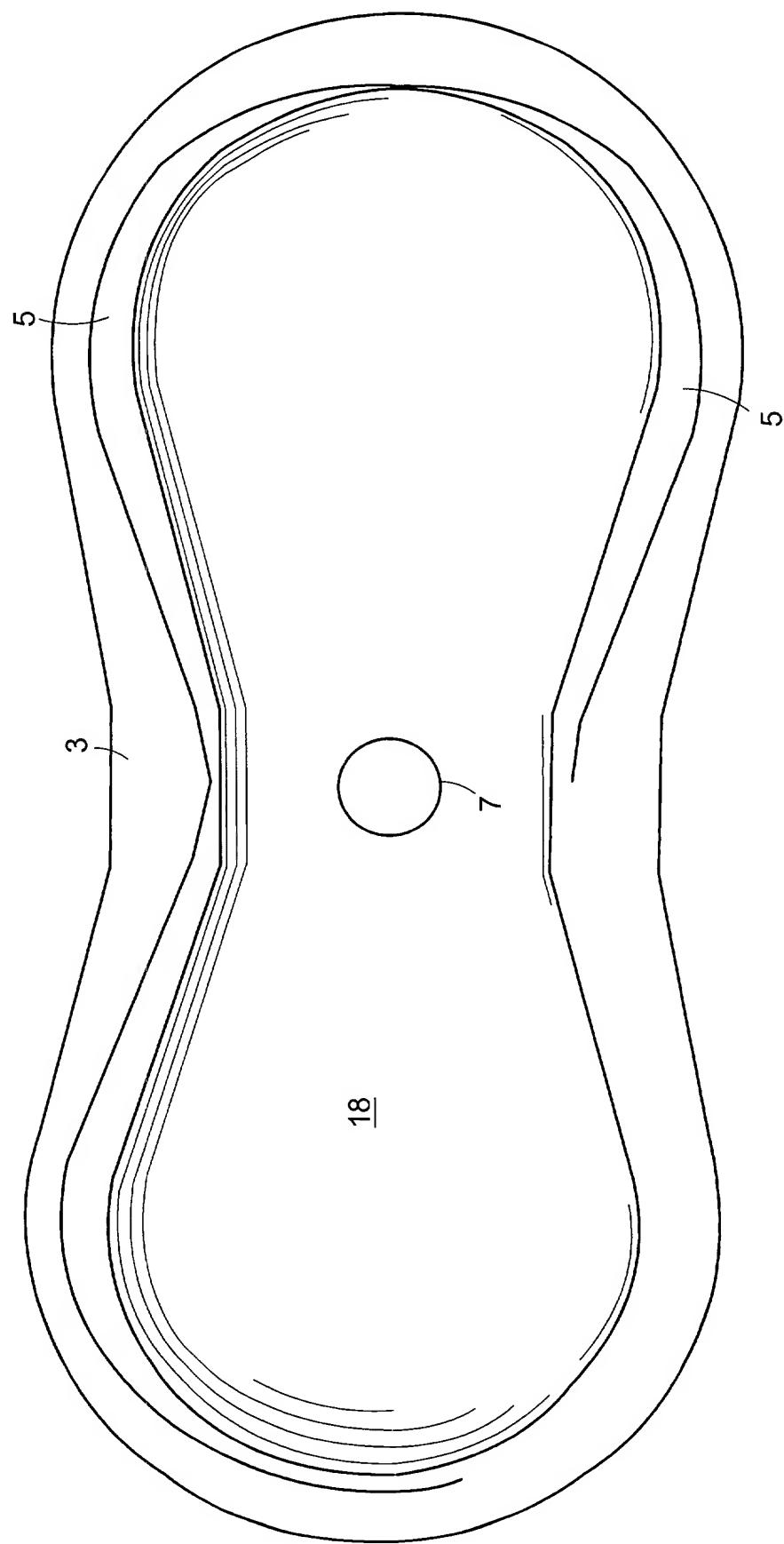


FIG. 4

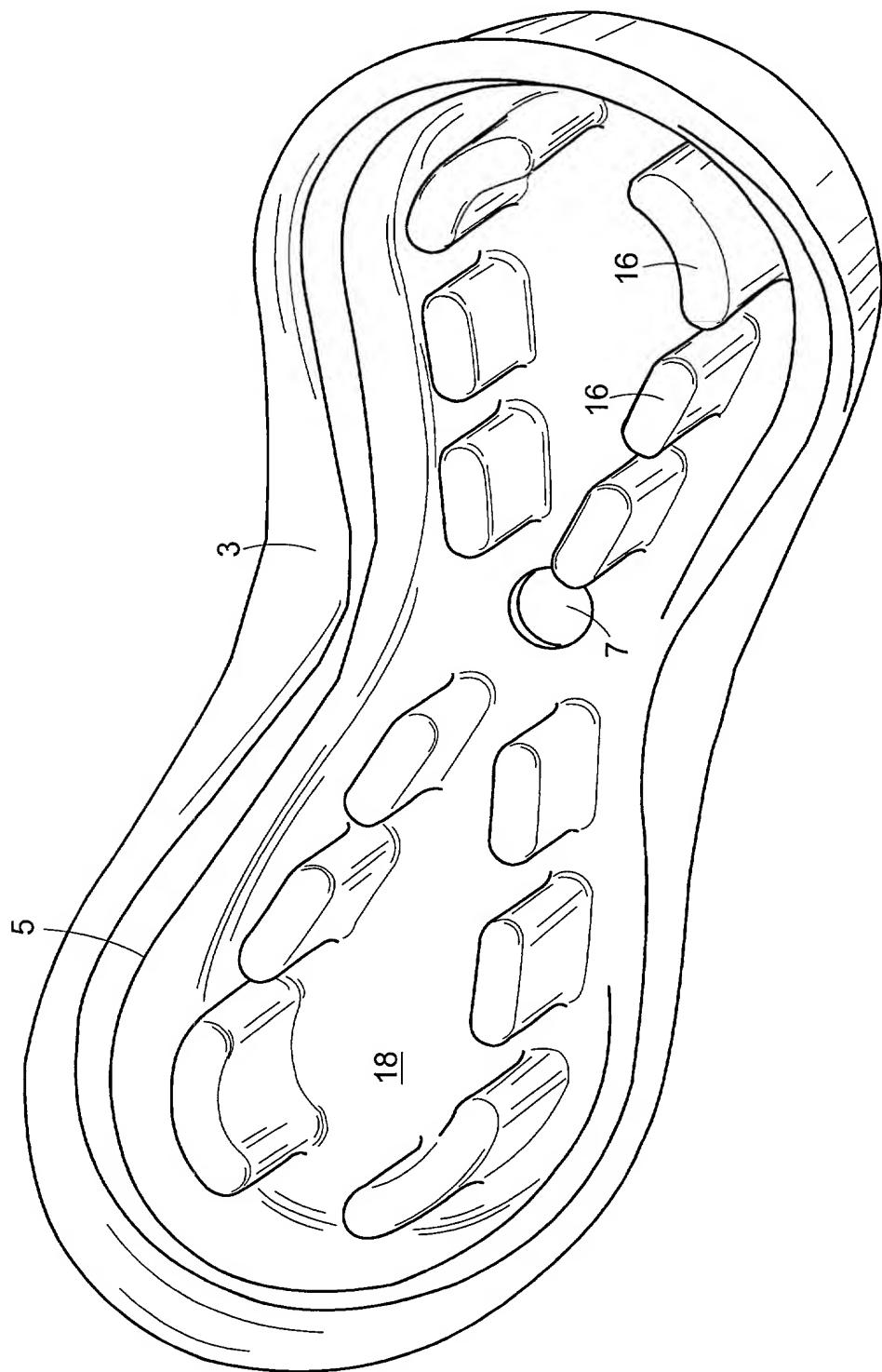


FIG. 5

10055511 062702

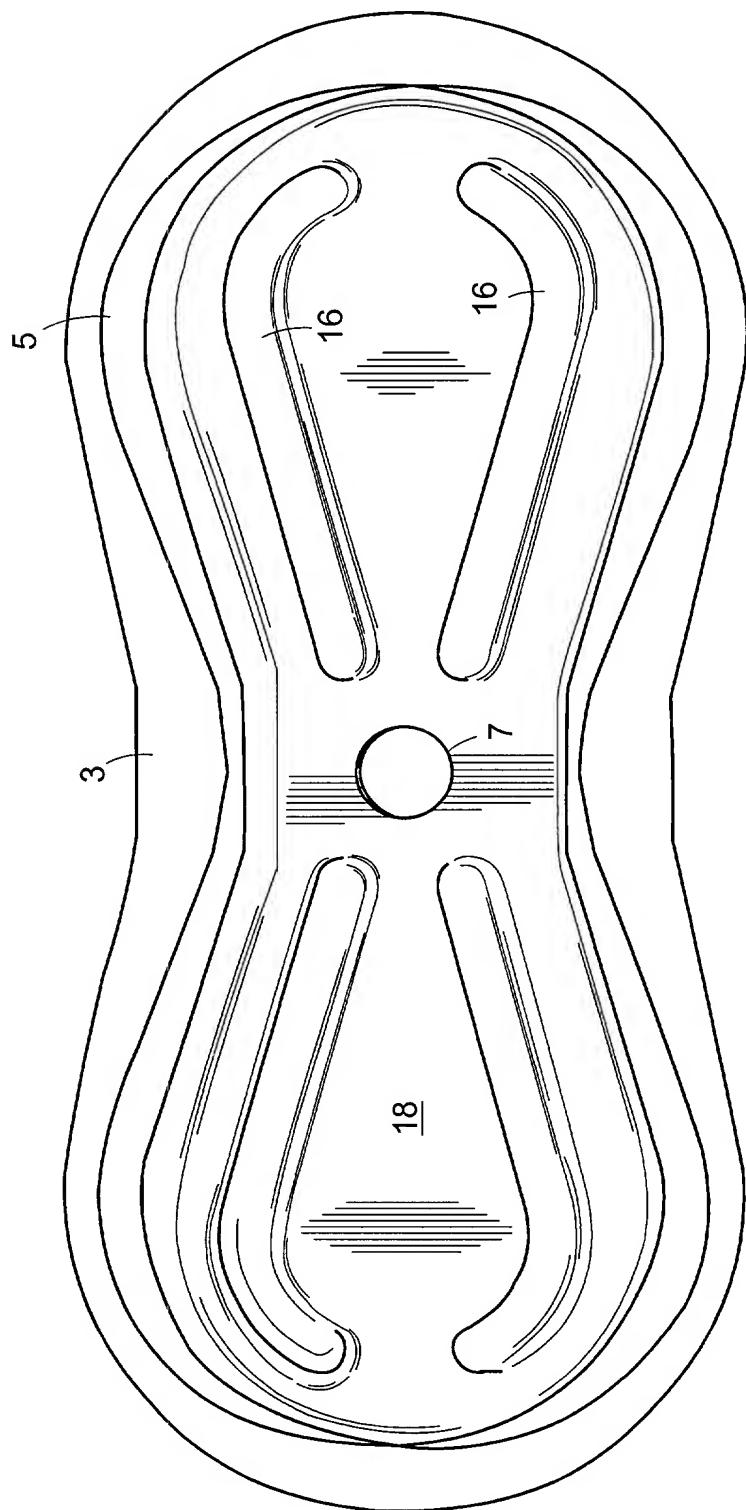


FIG. 6

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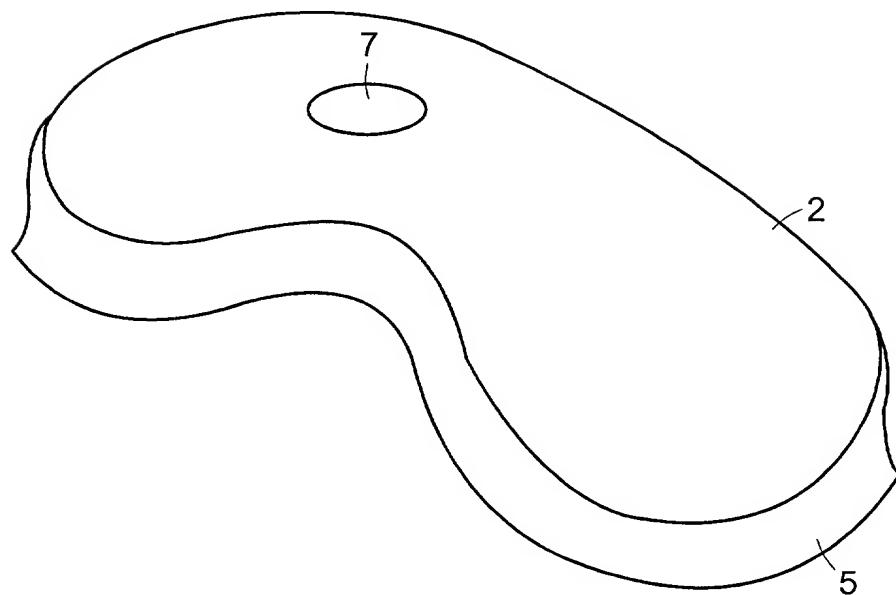


FIG. 7

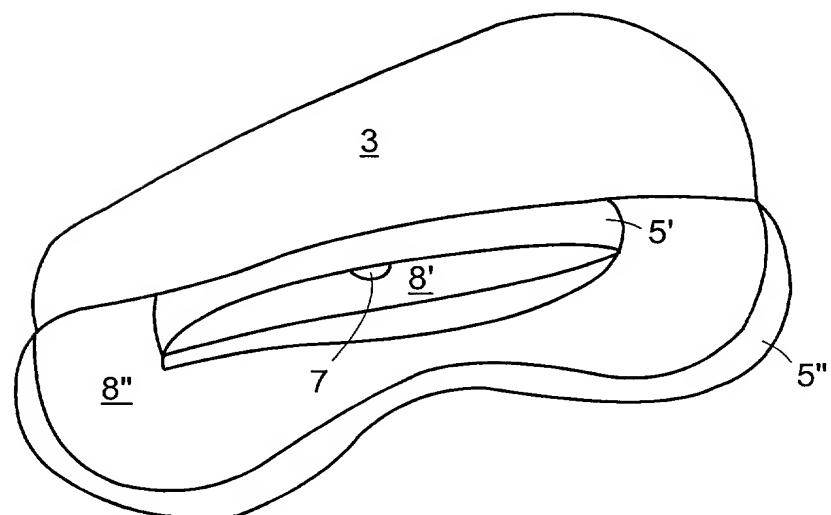


FIG. 8

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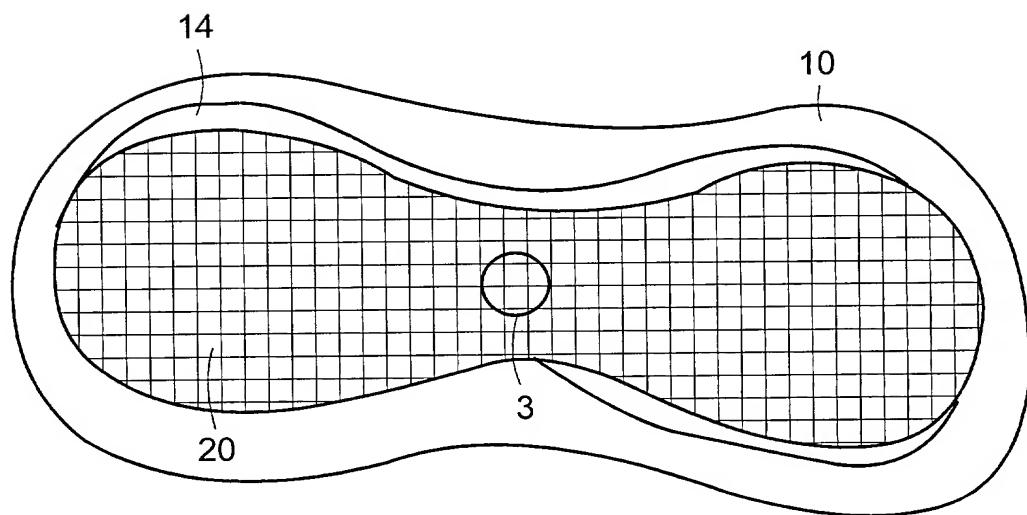


FIG. 9

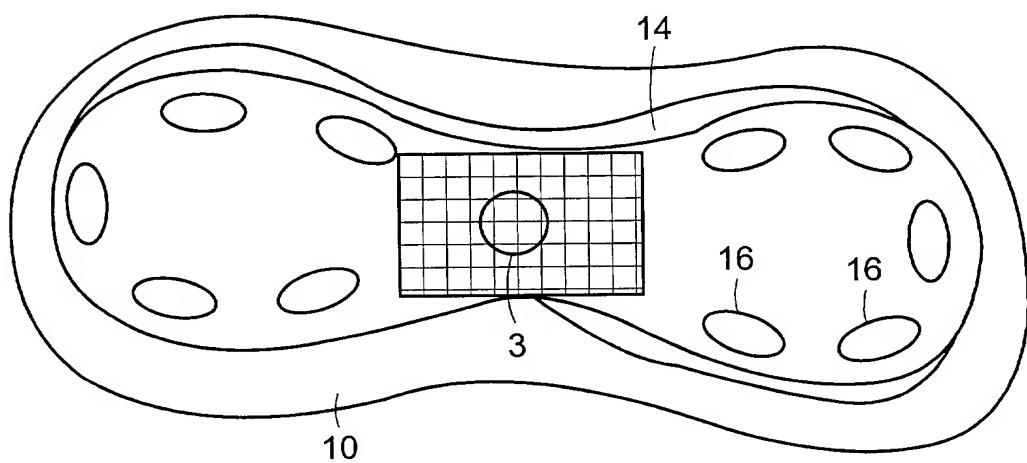


FIG. 10

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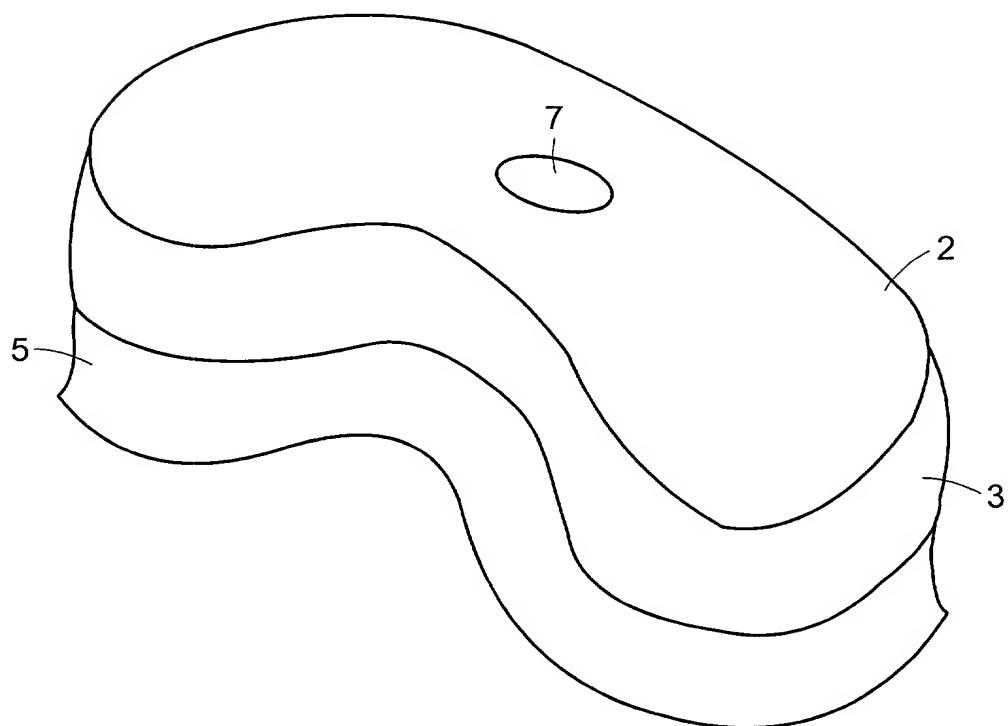


FIG. 11

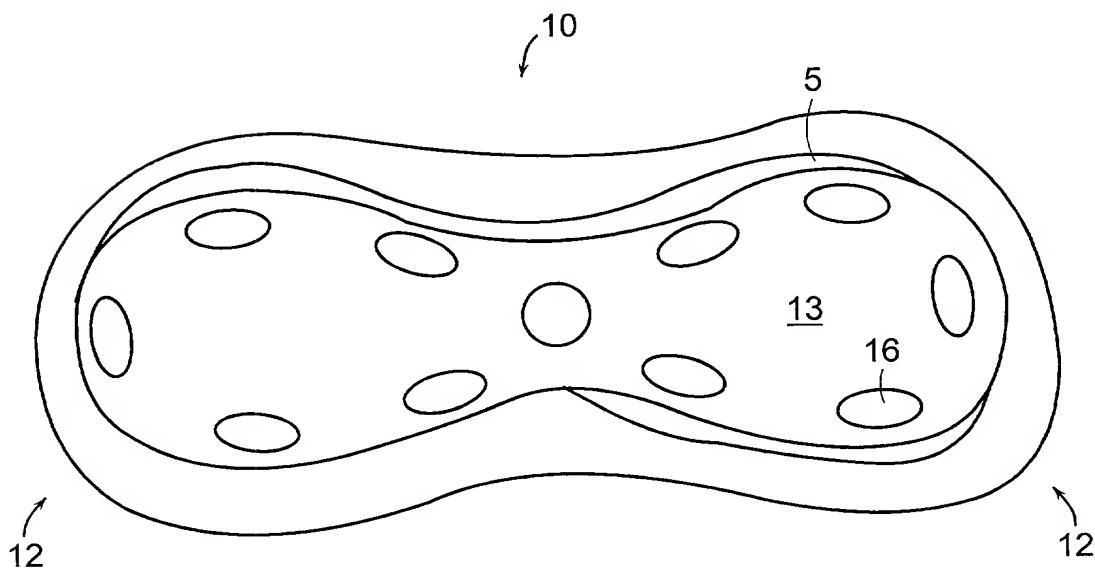
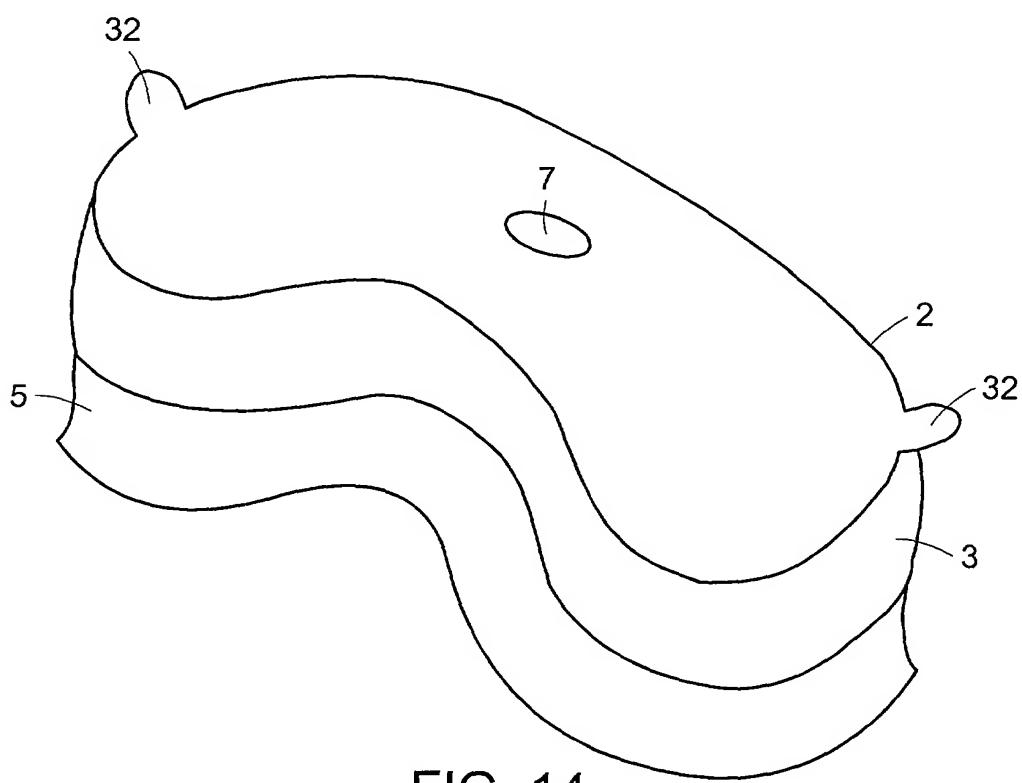
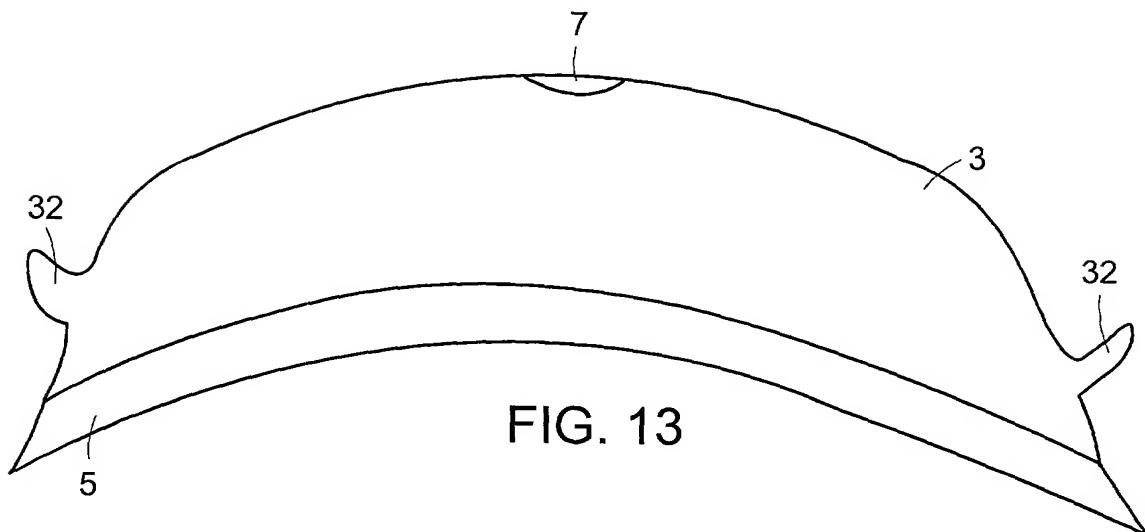
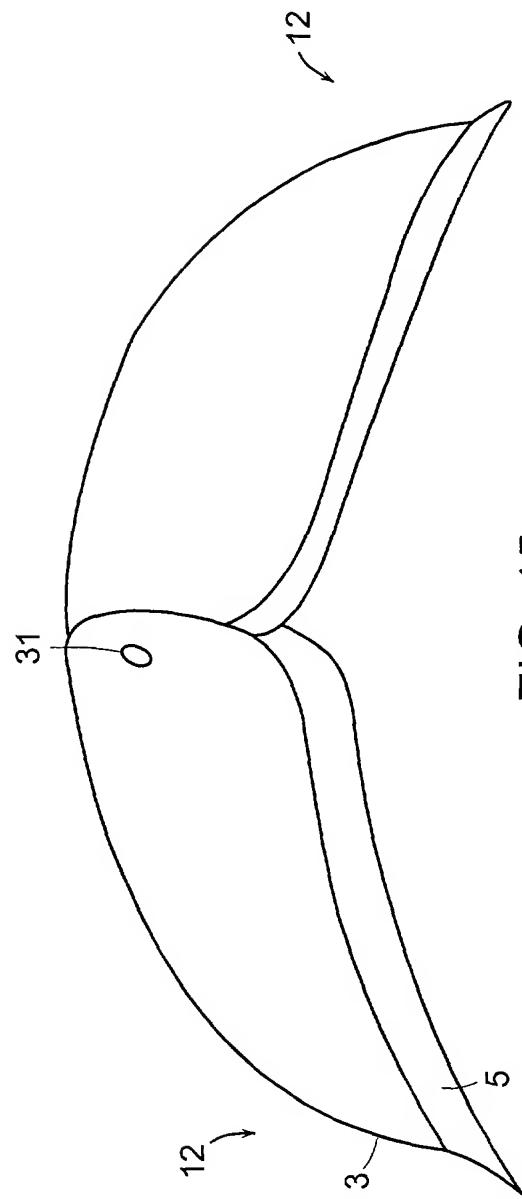


FIG. 12

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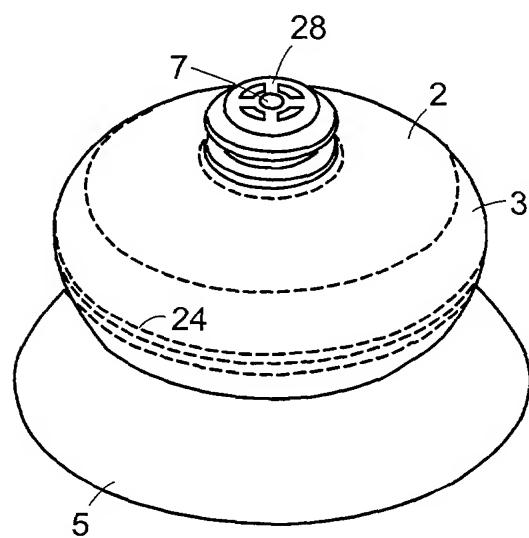


FIG. 16

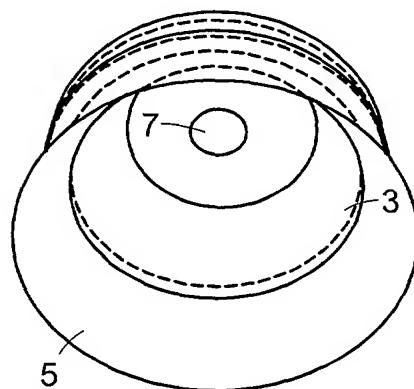


FIG. 17

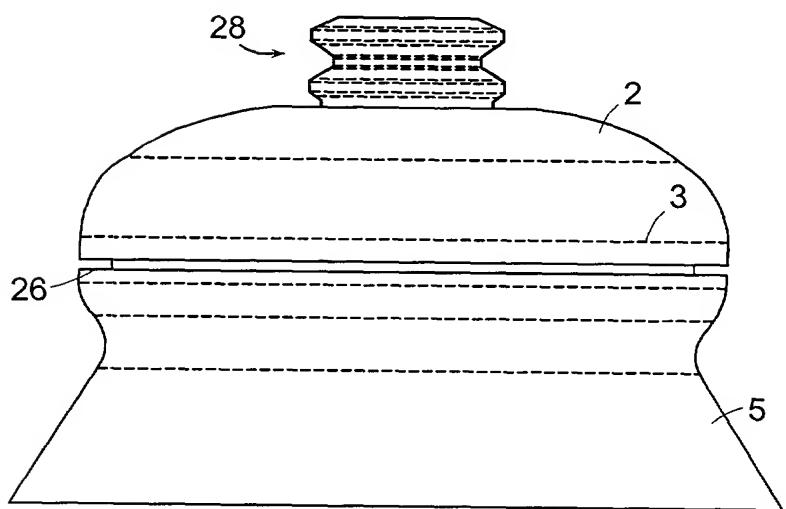


FIG. 18

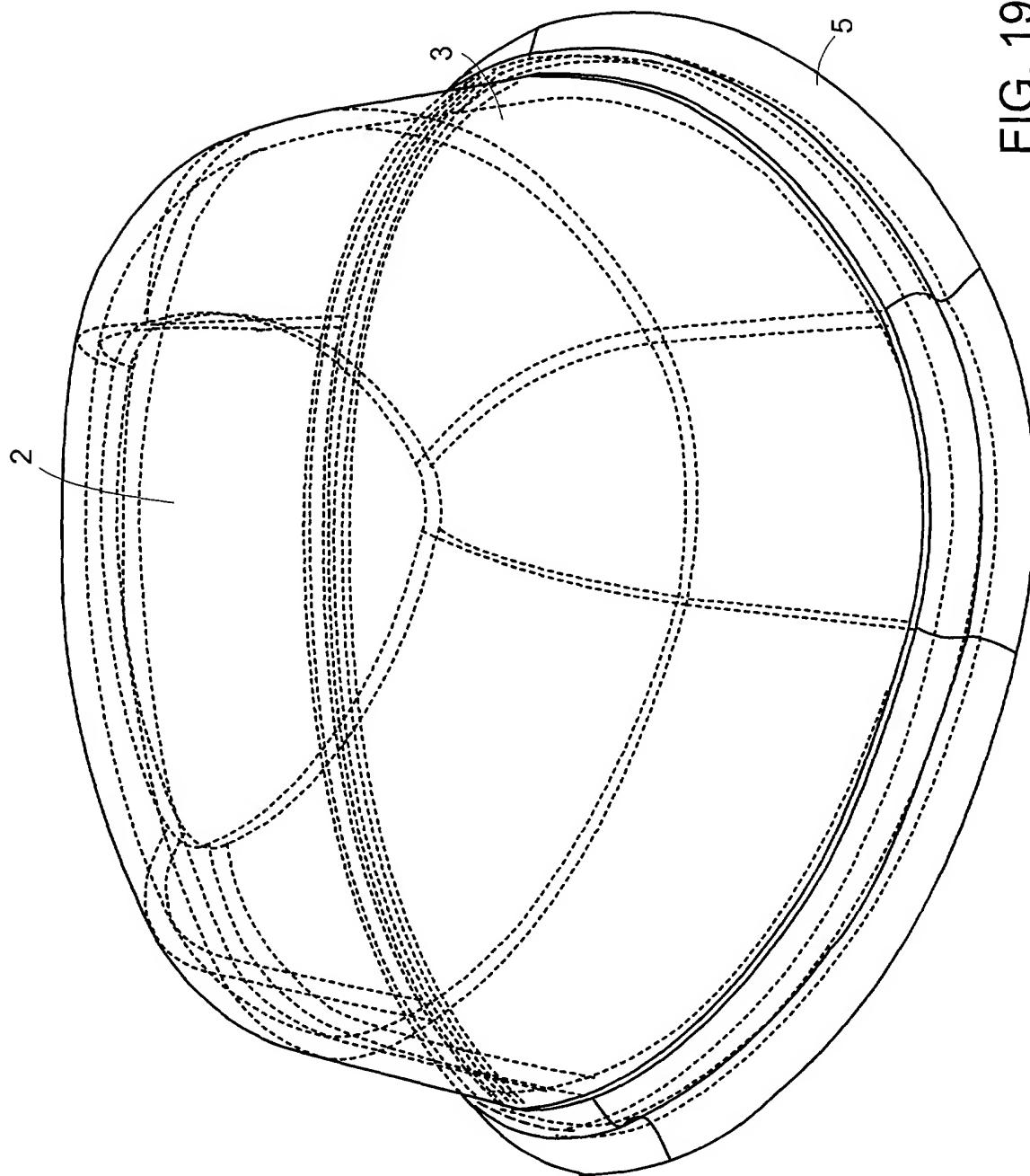


FIG. 19

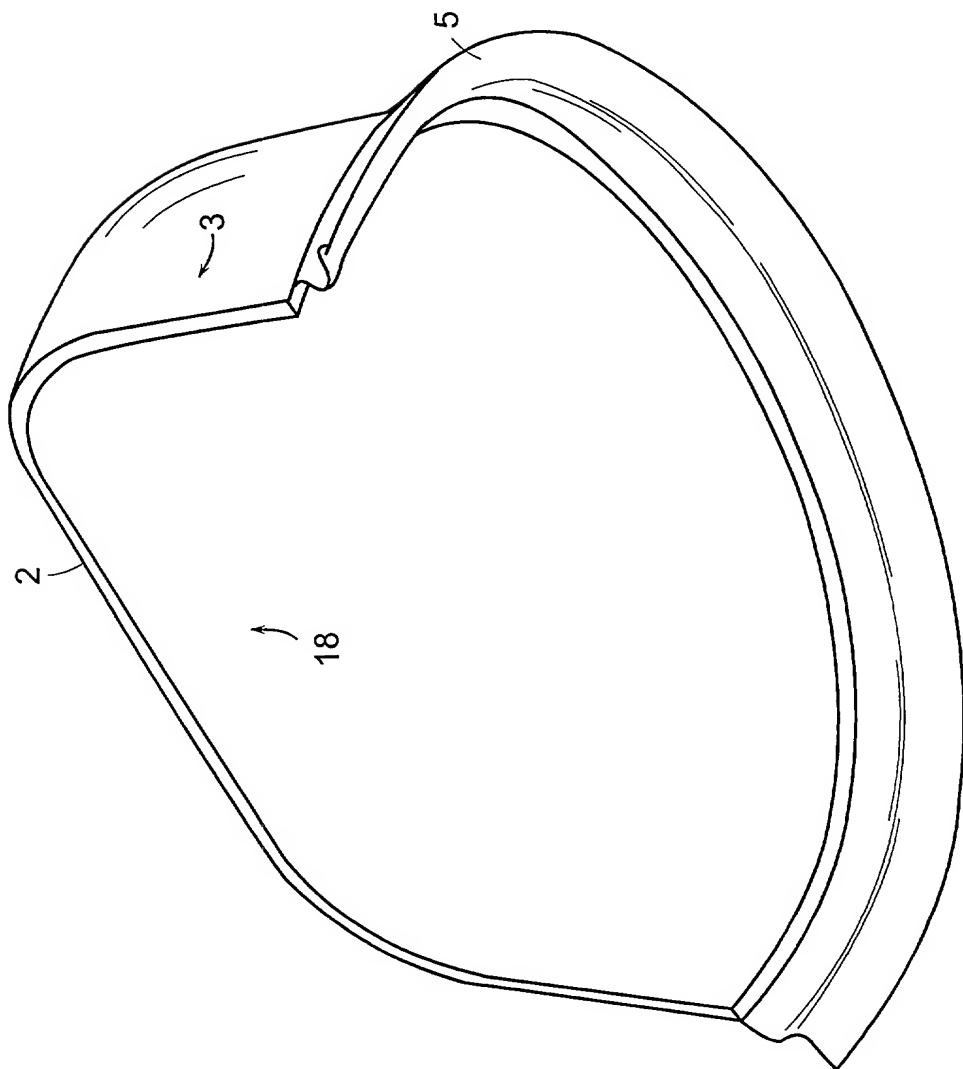


FIG. 20

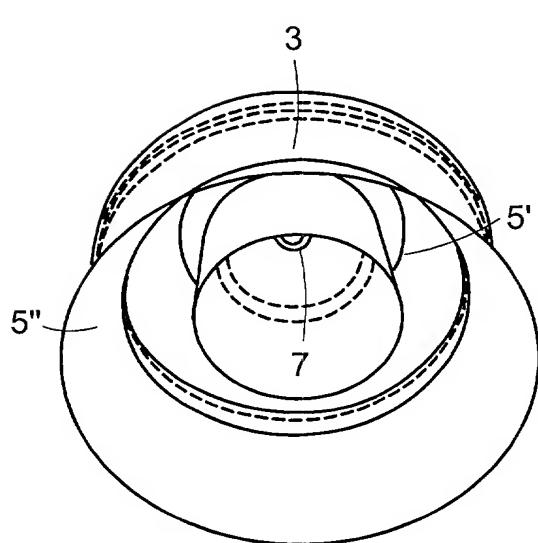


FIG. 21A

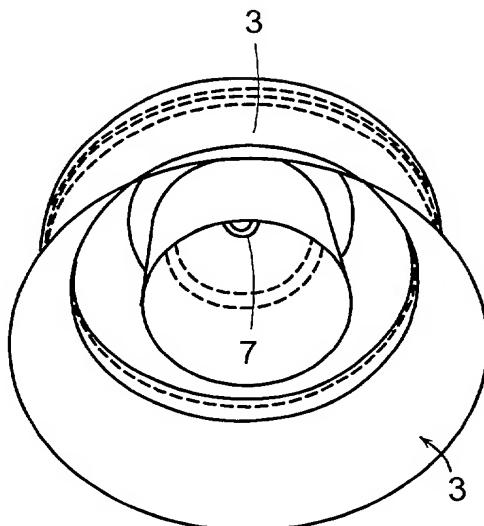


FIG. 21B

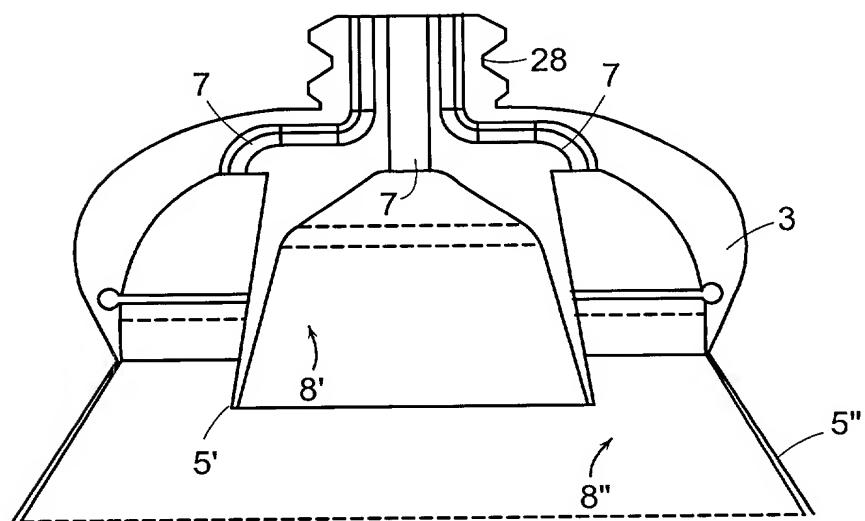


FIG. 22

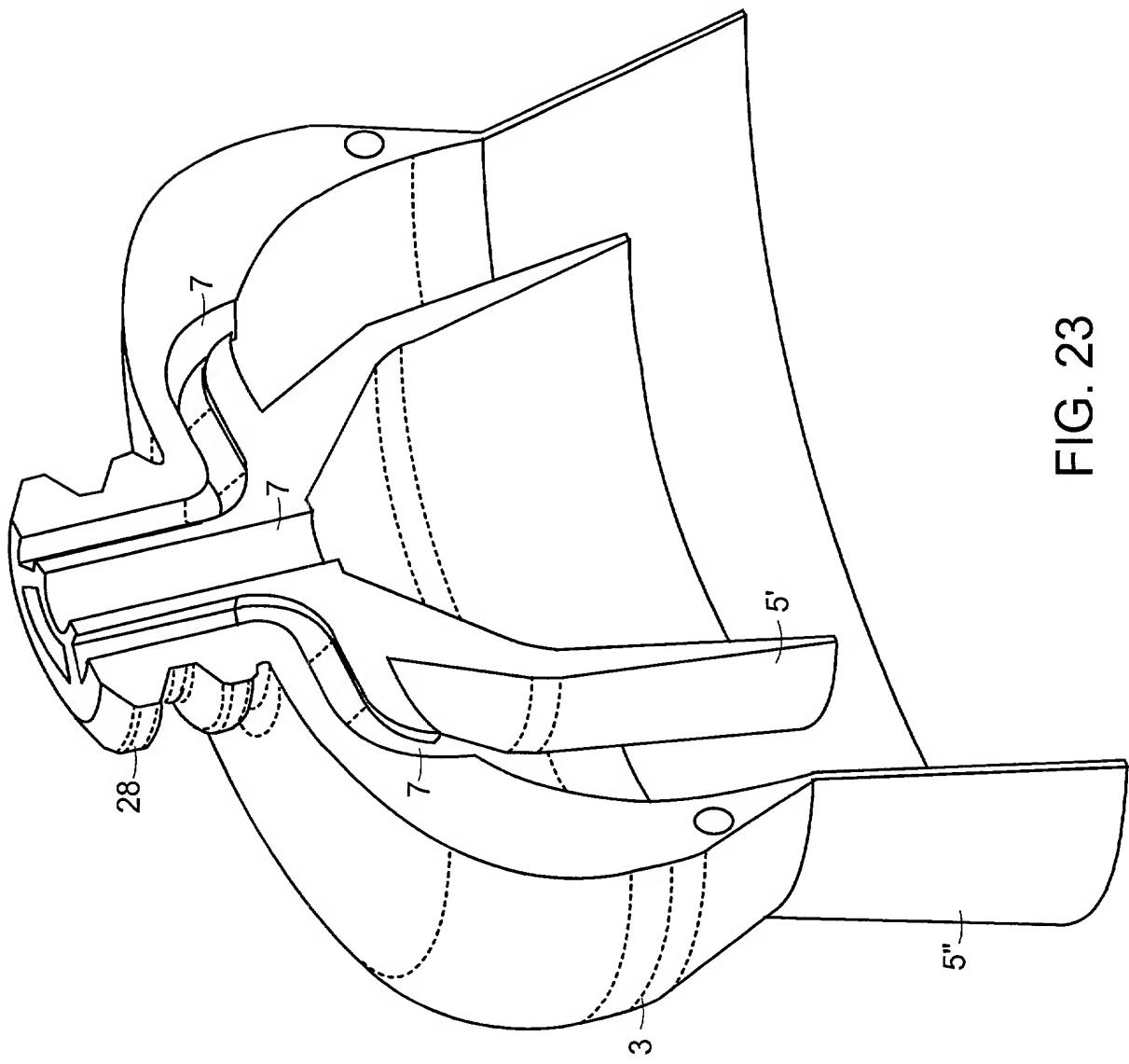


FIG. 23

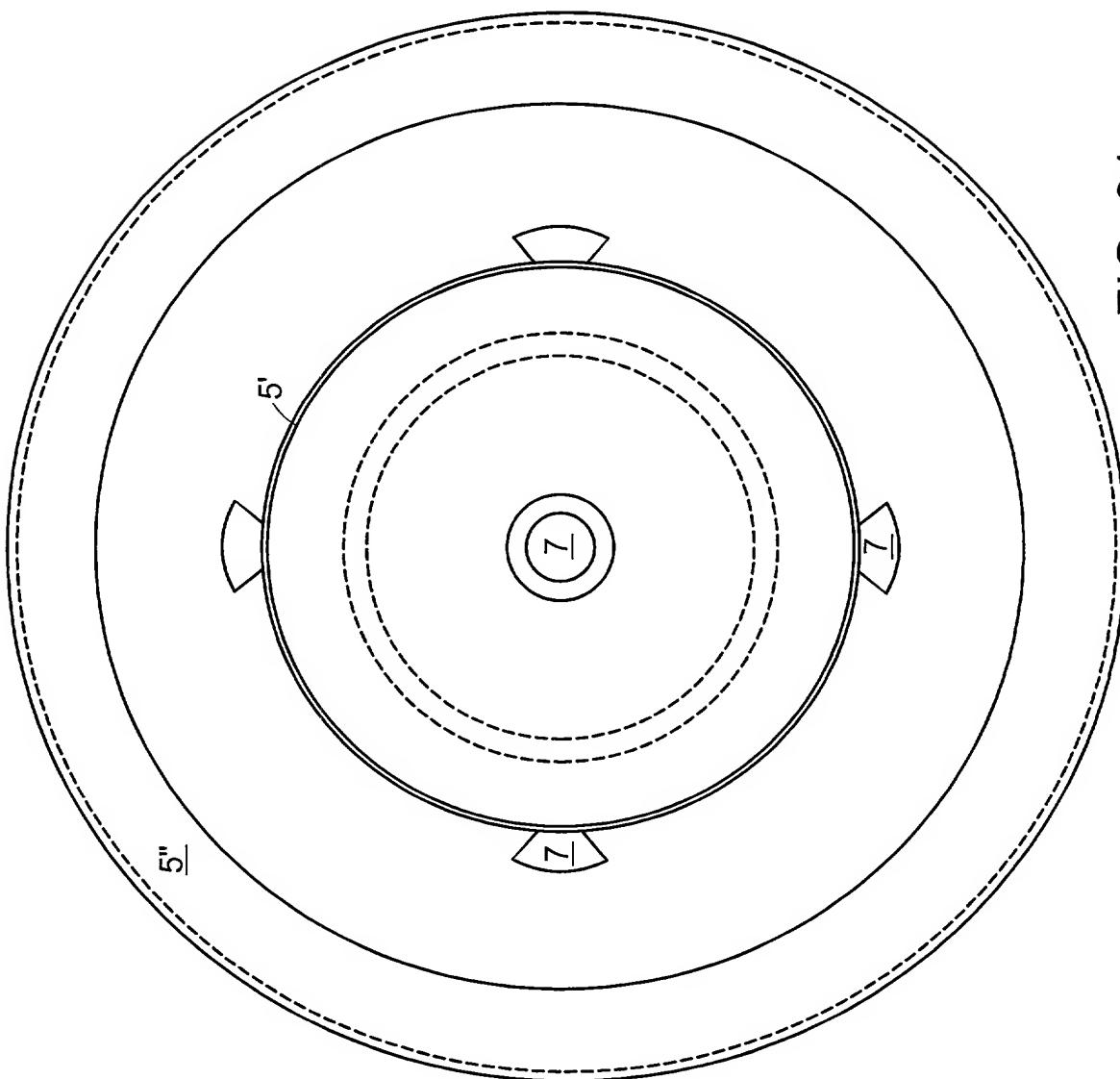
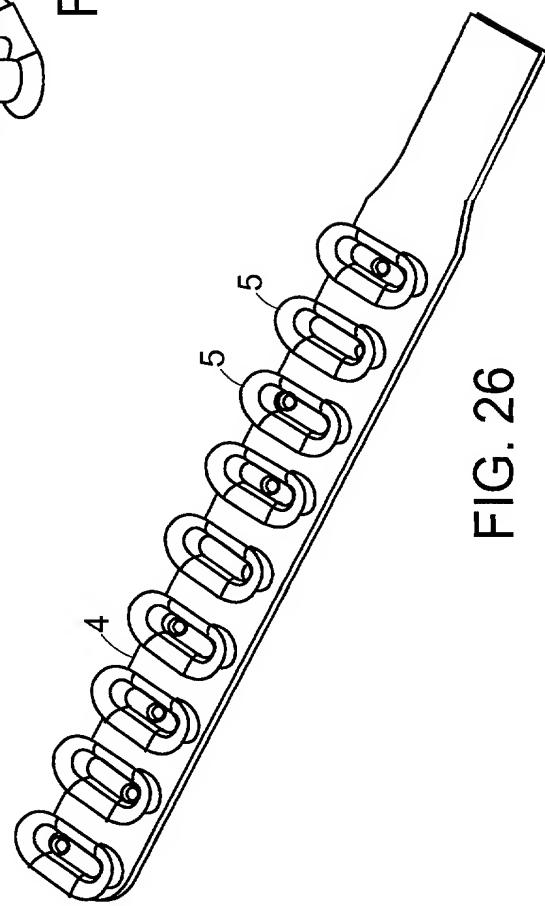
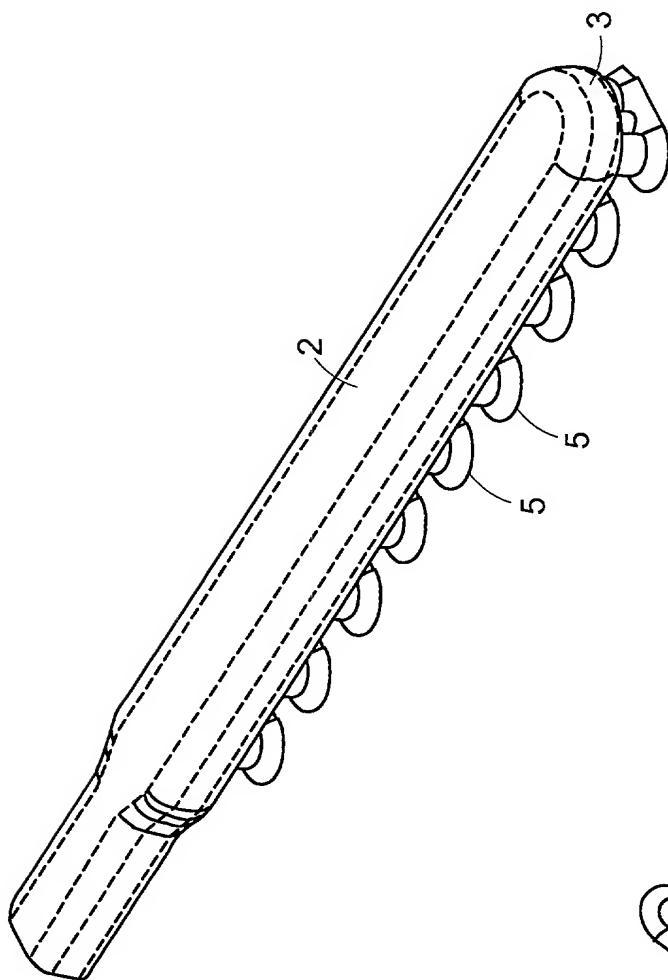
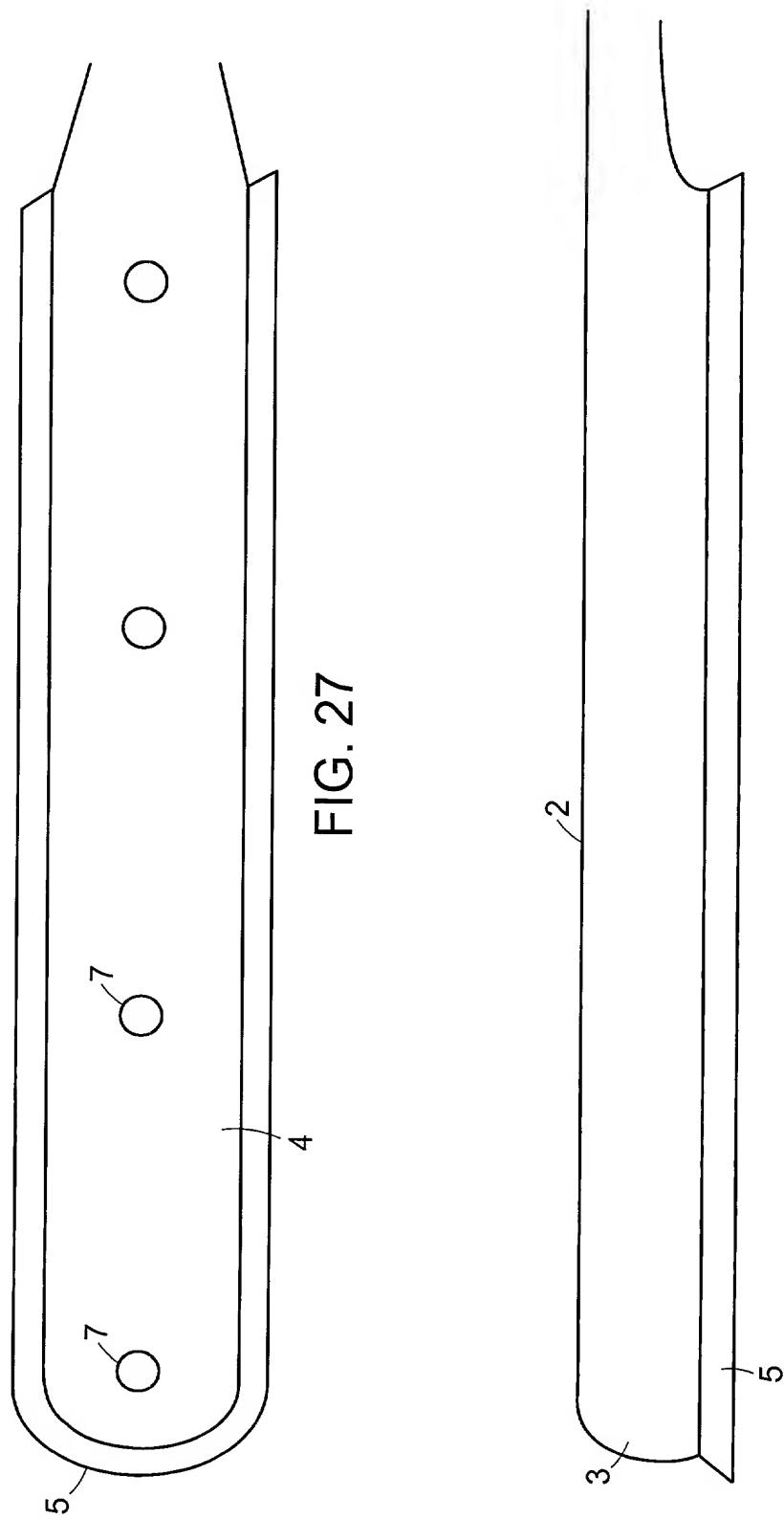


FIG. 24



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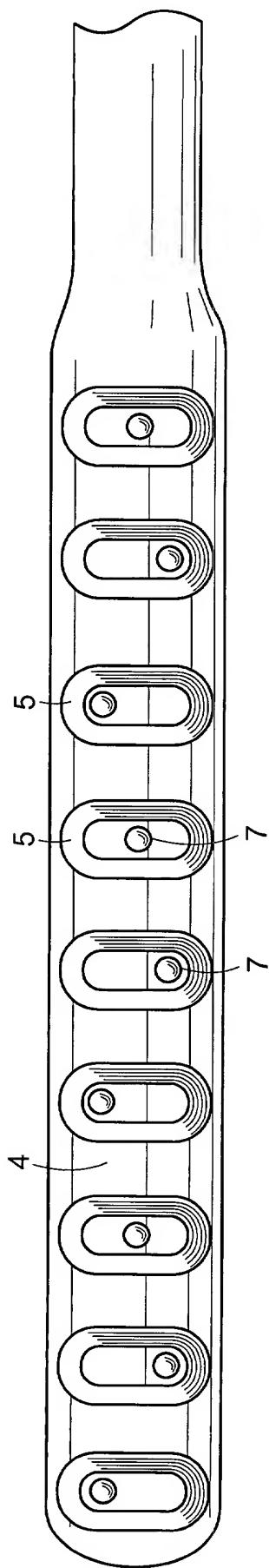


FIG. 29

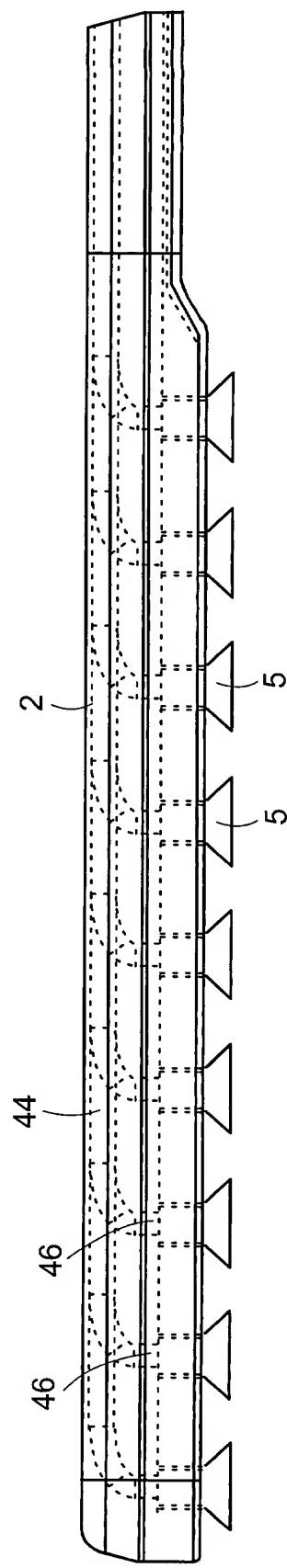


FIG. 30

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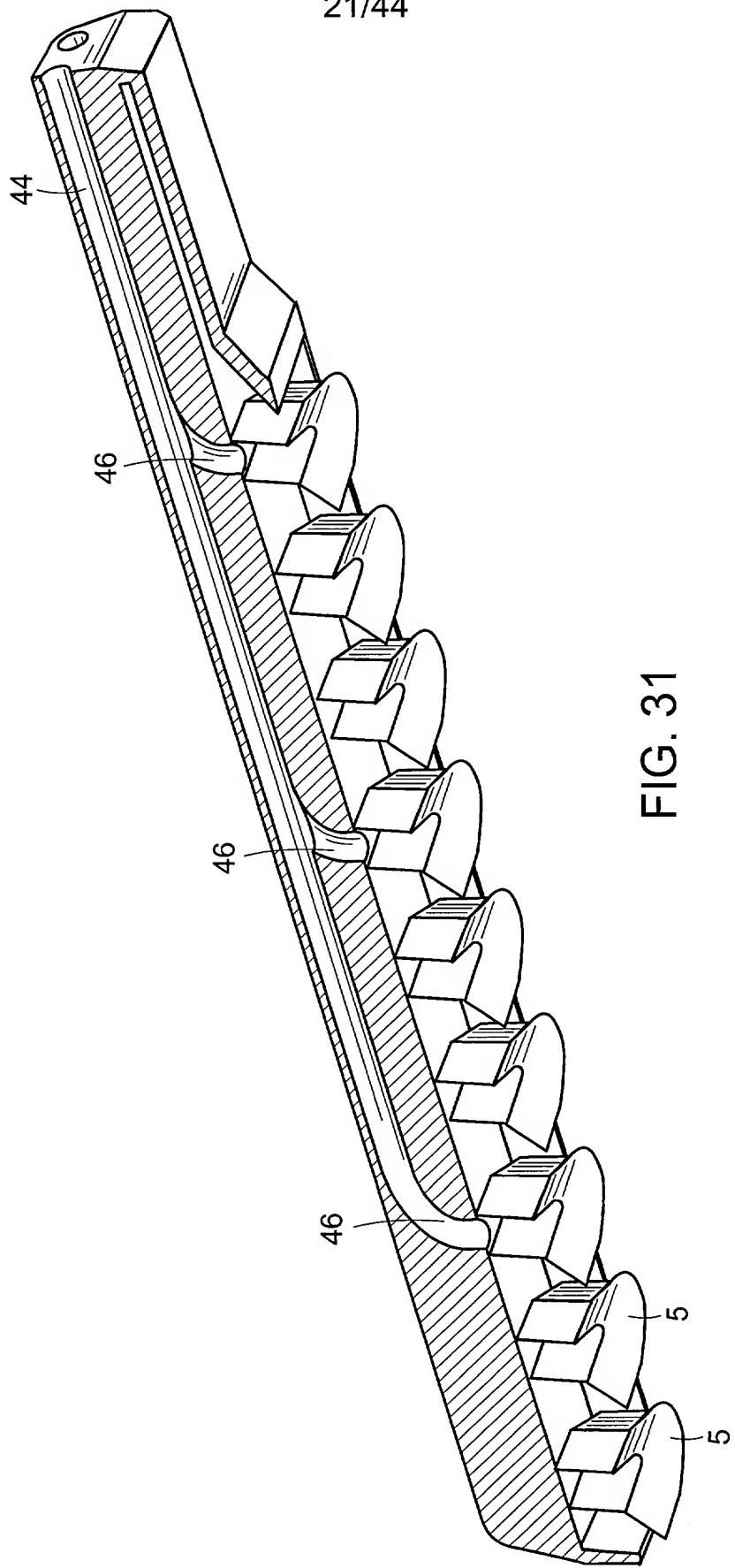


FIG. 31

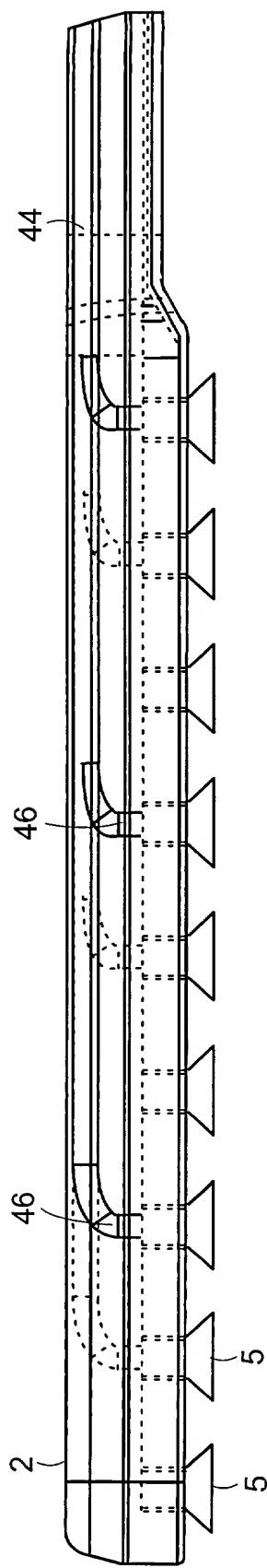


FIG. 32

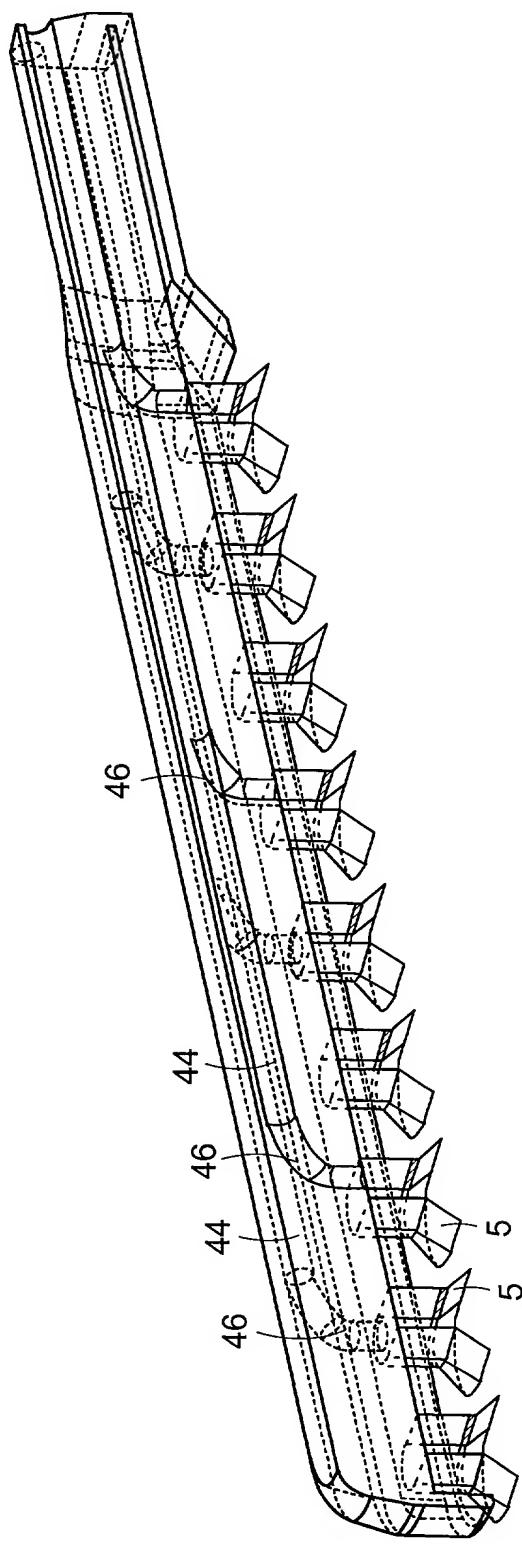


FIG. 33

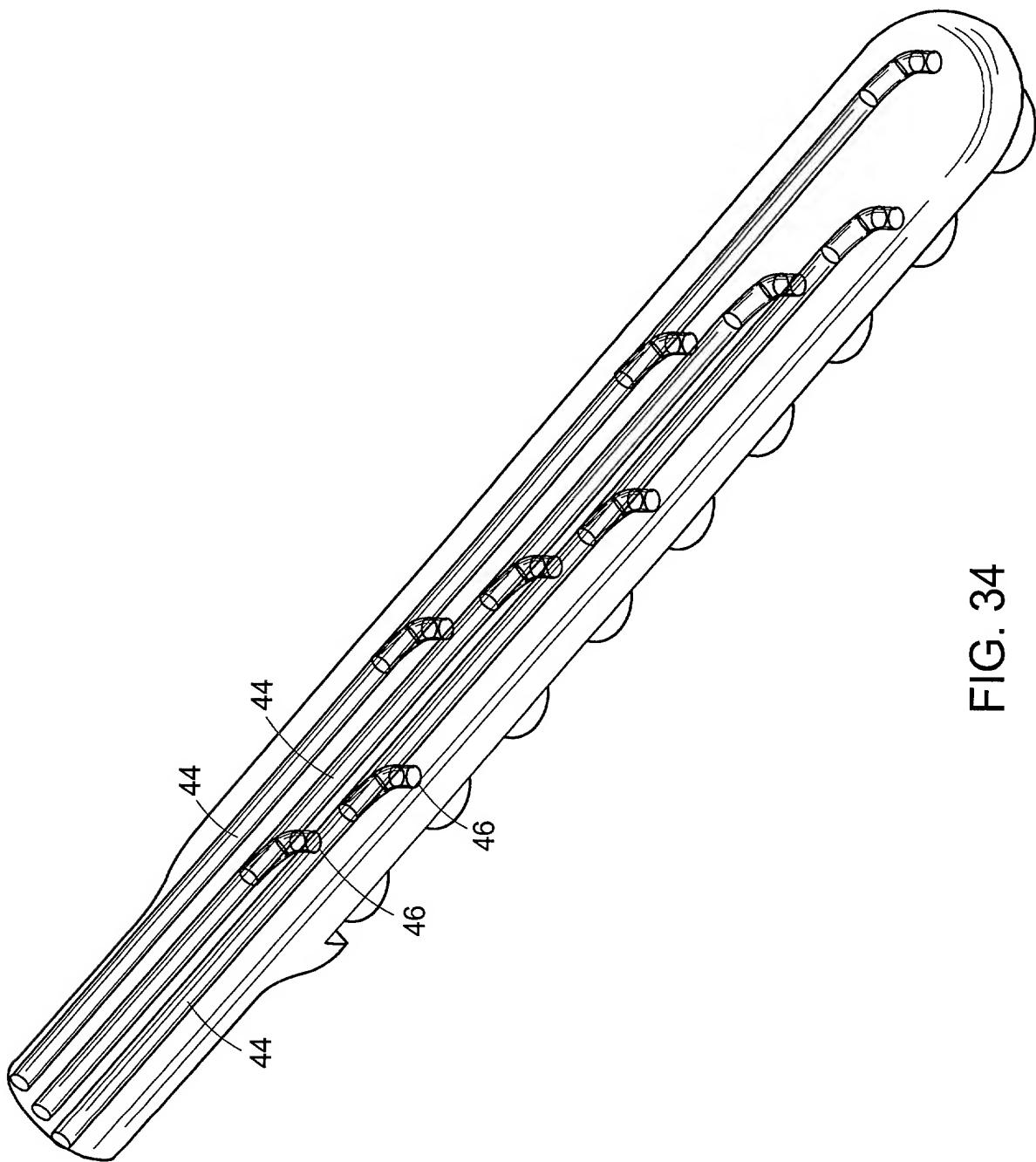


FIG. 34

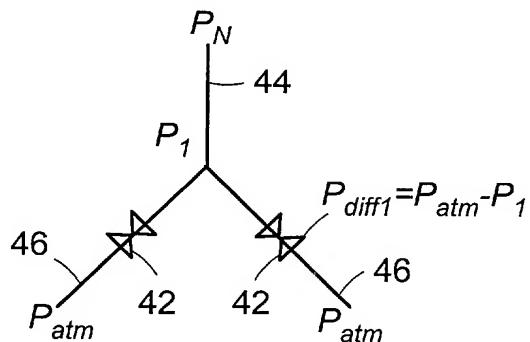


FIG. 35  $P_N < P_1 < P_{atm}$

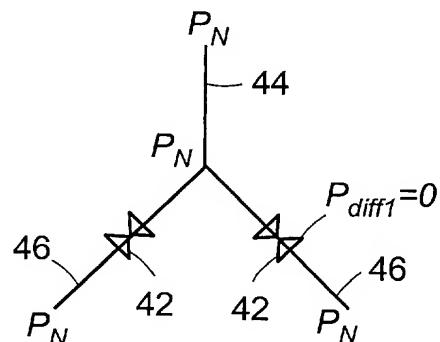


FIG. 36

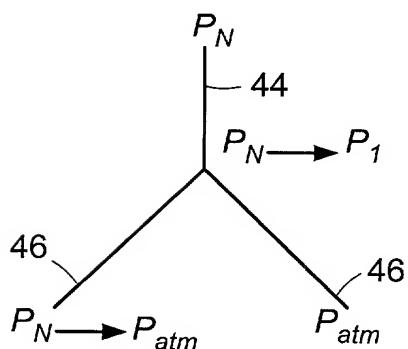


FIG. 37A

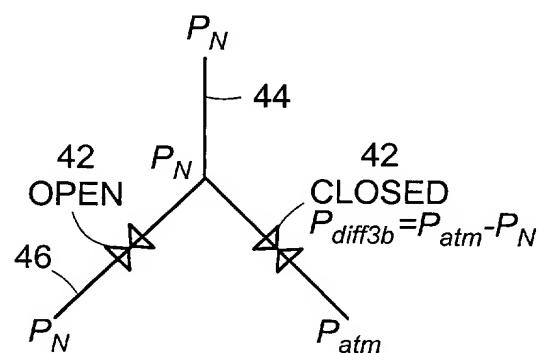


FIG. 37B

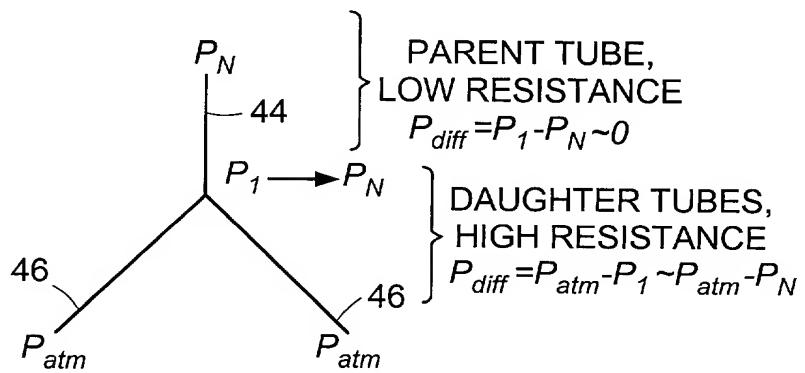


FIG. 38

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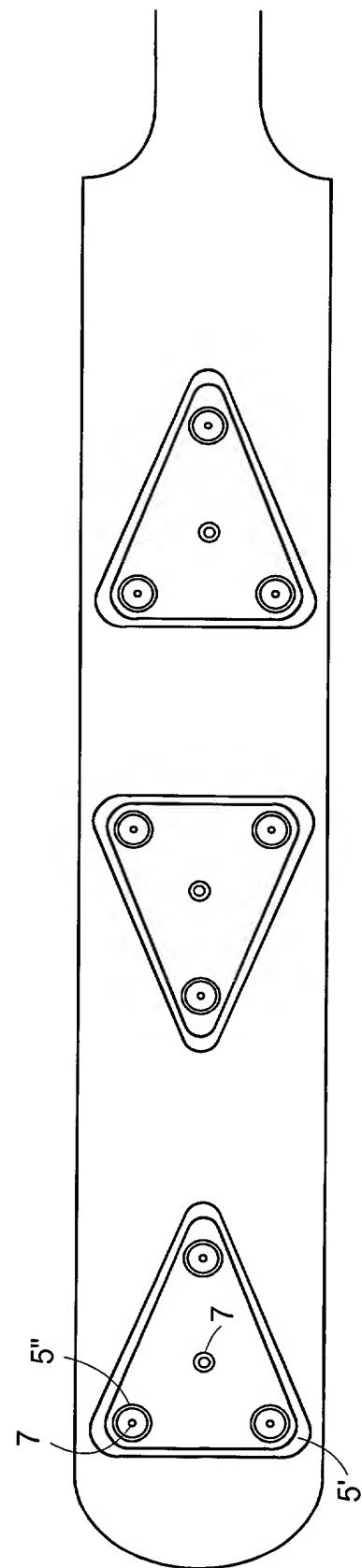


FIG. 39

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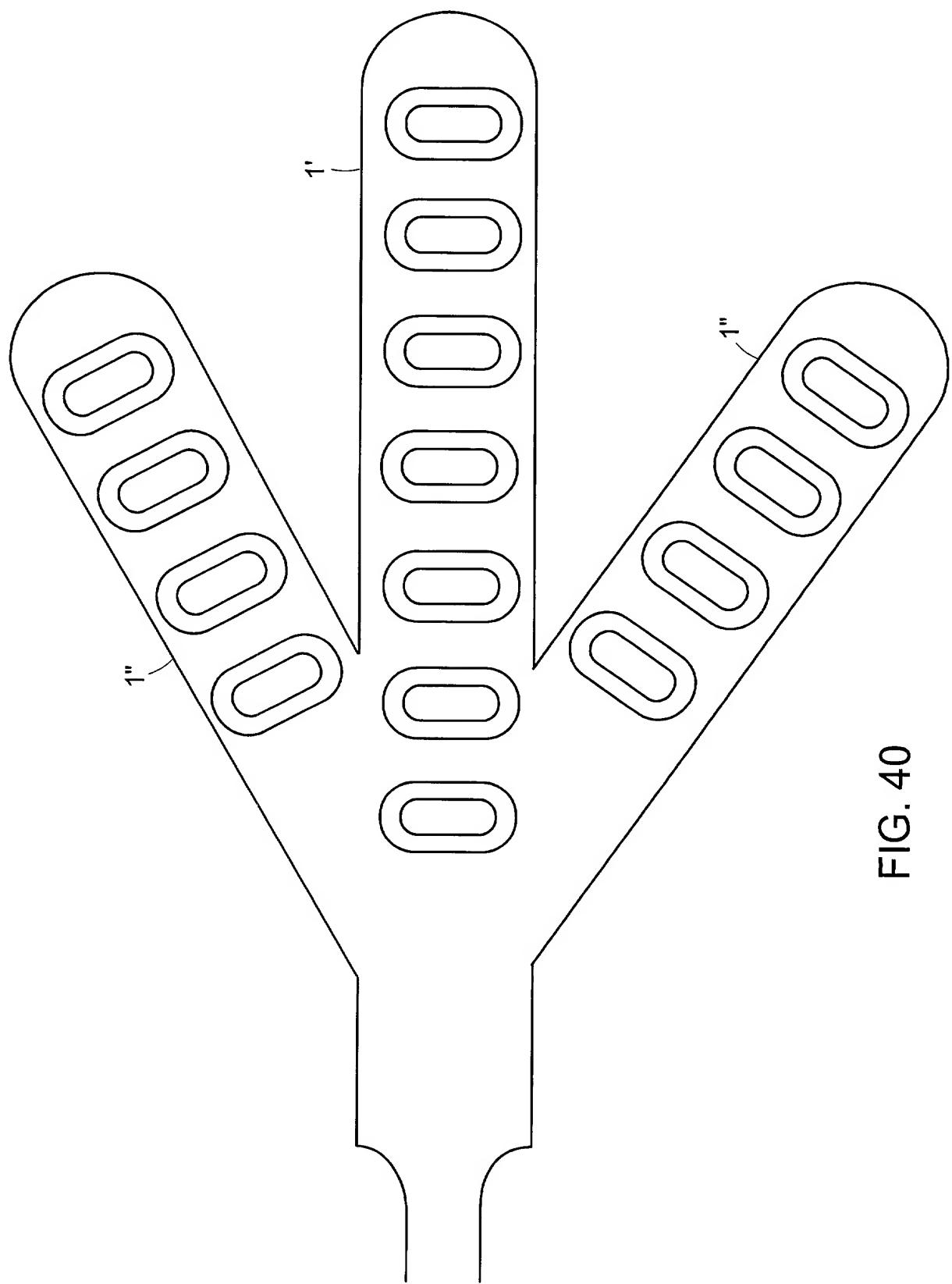


FIG. 40

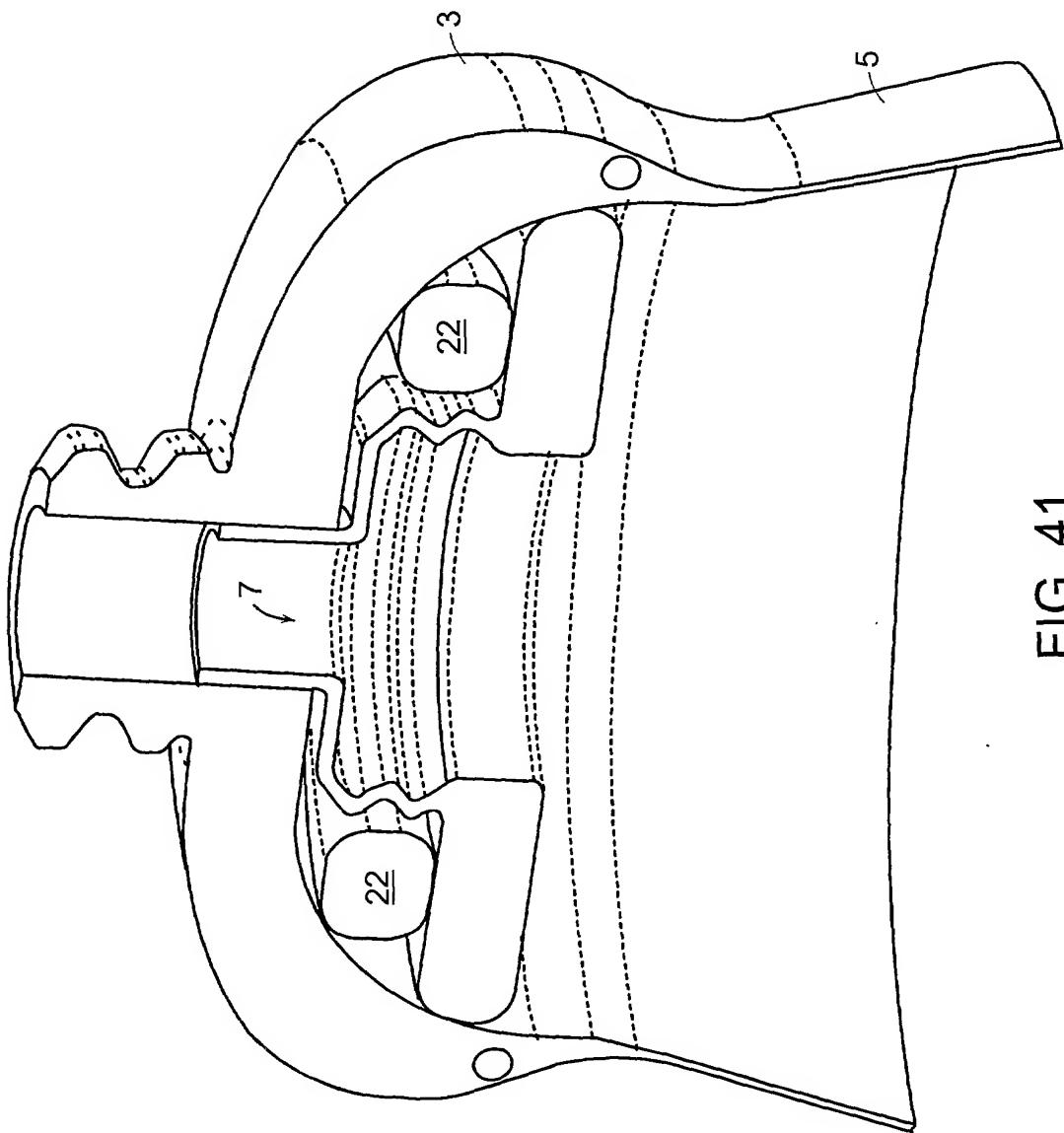


FIG. 41

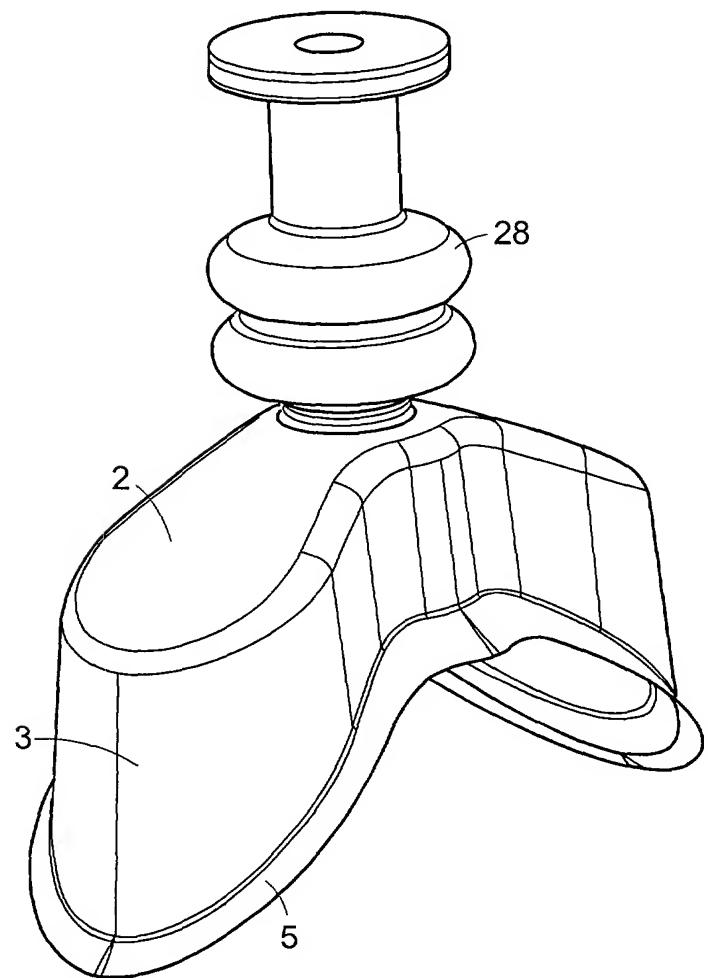


FIG. 42

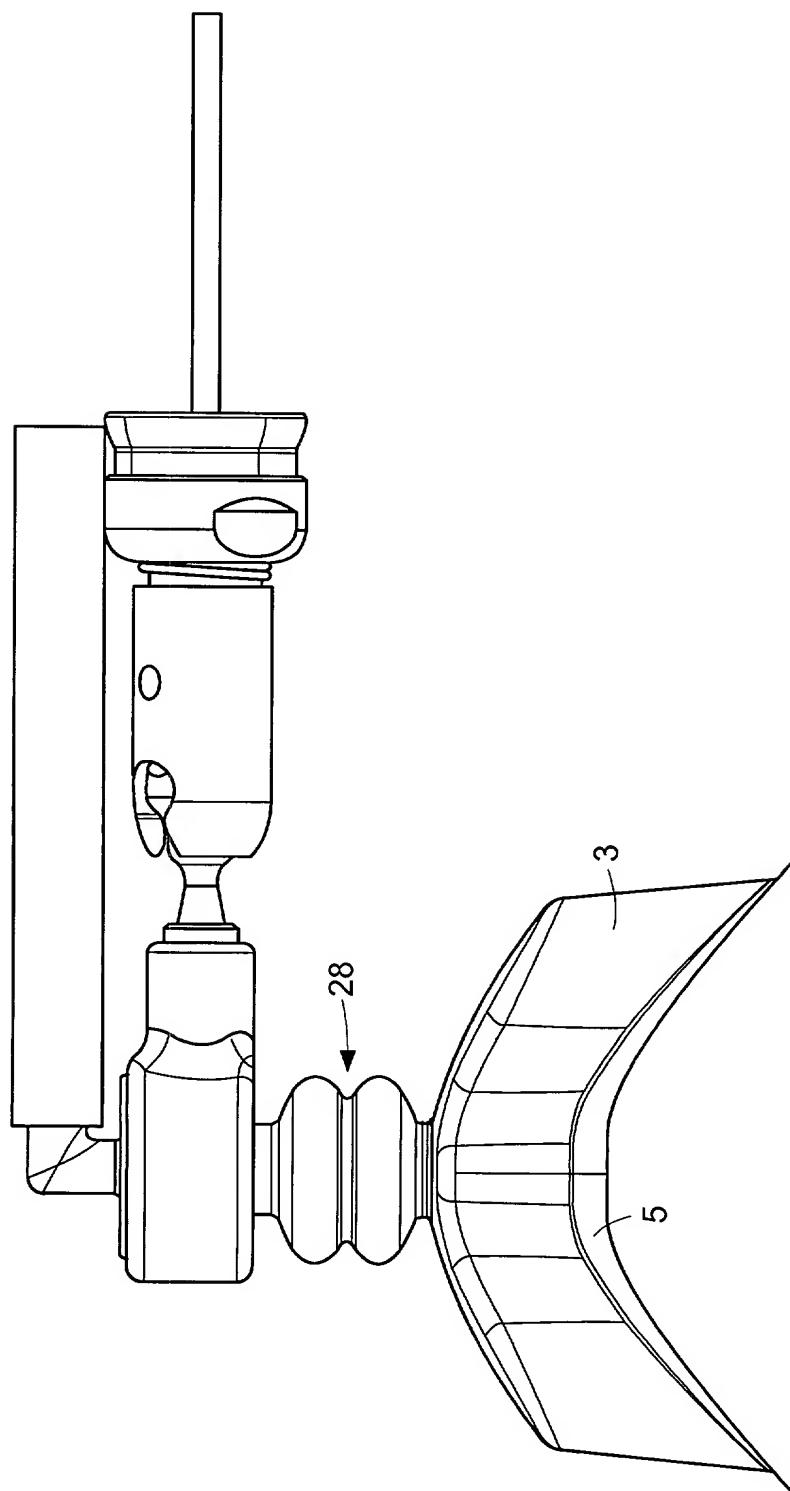


FIG. 43

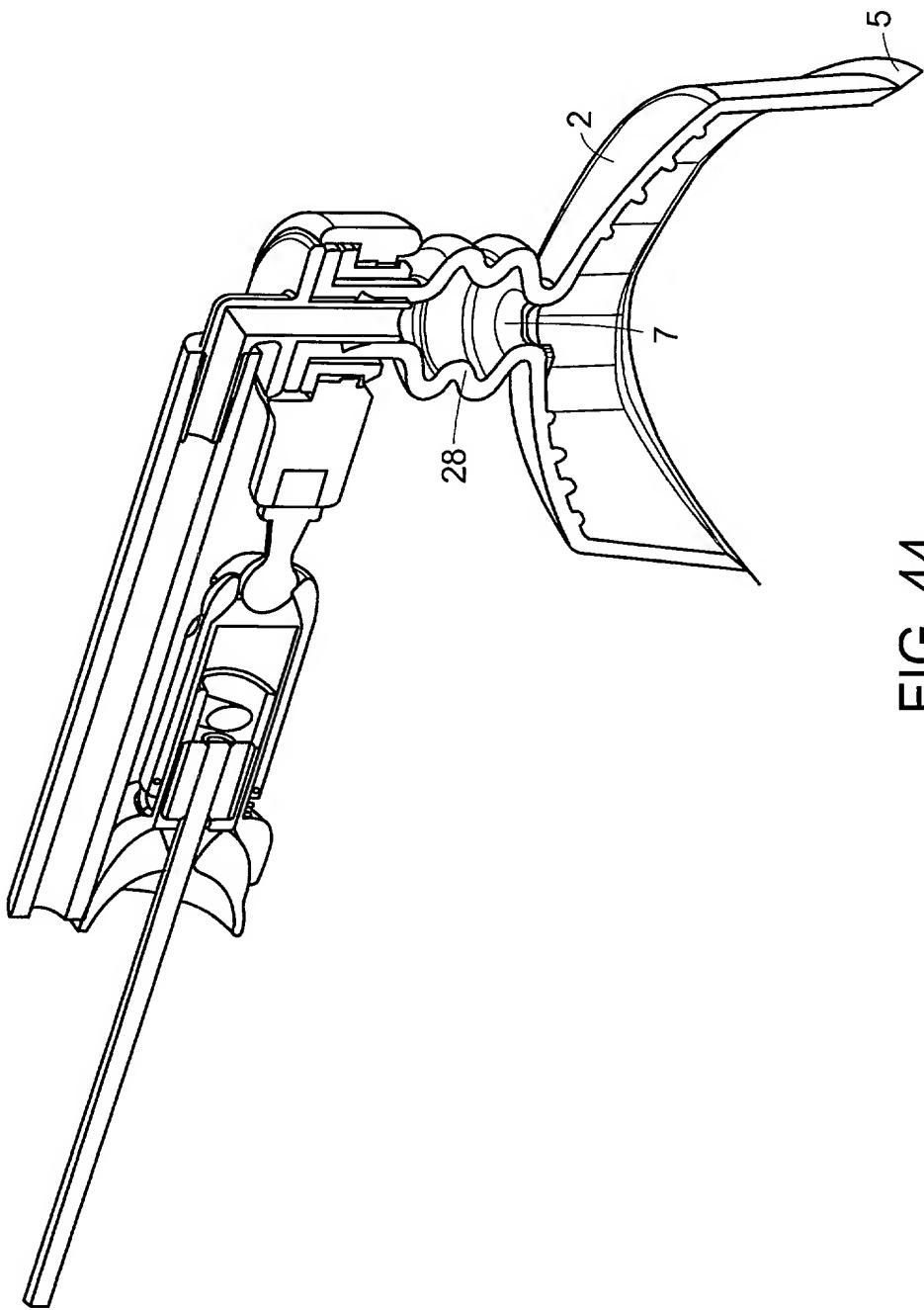


FIG. 44

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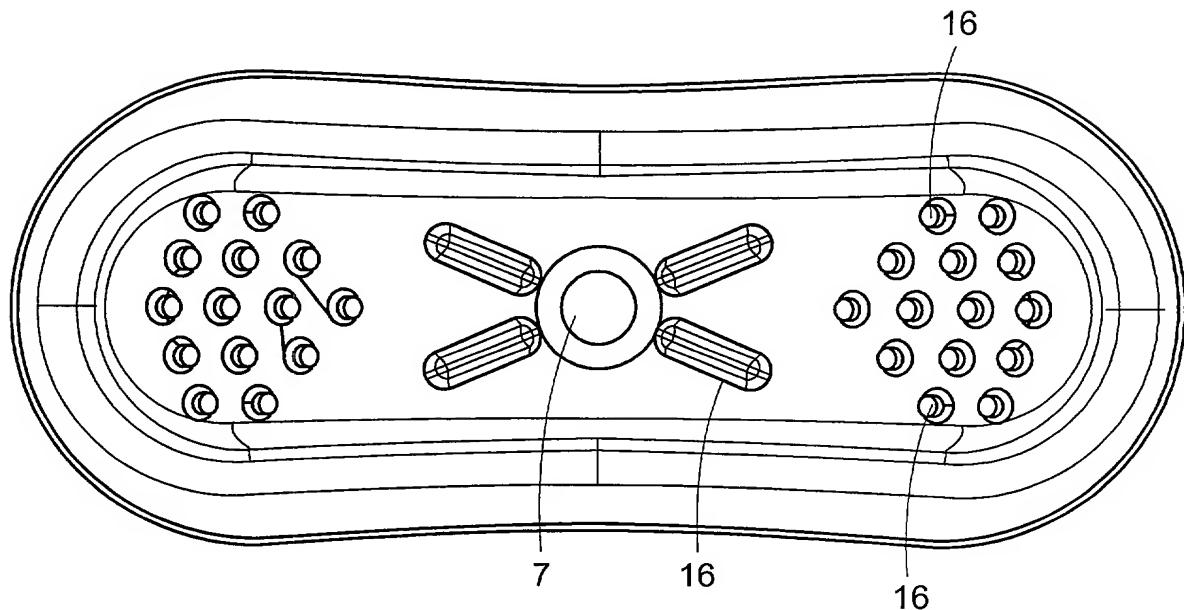


FIG. 45

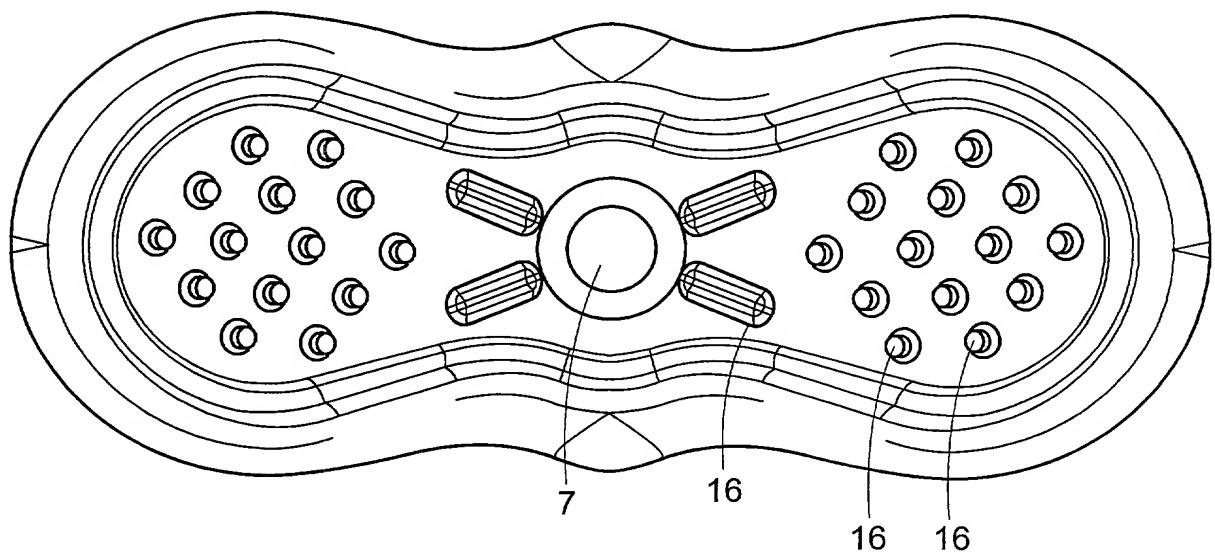


FIG. 46

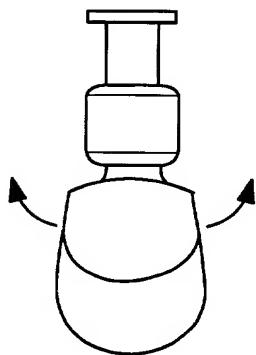


FIG. 47A

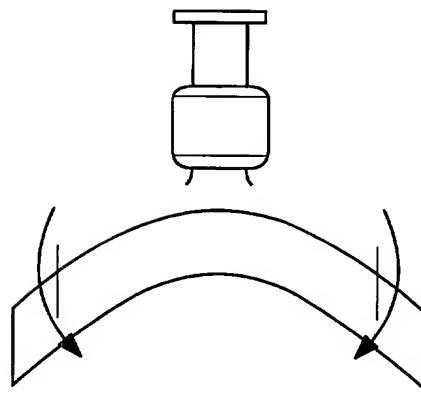


FIG. 47B

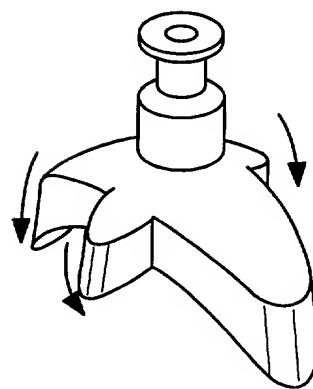


FIG. 47C

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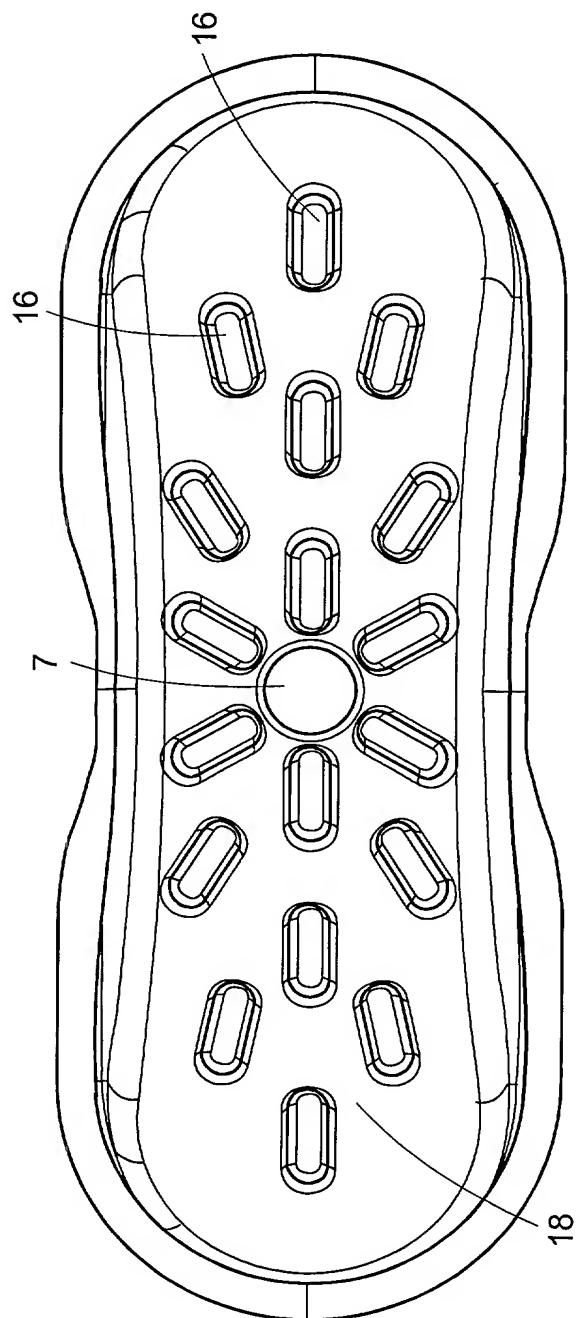


FIG. 48

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FIG. 49B

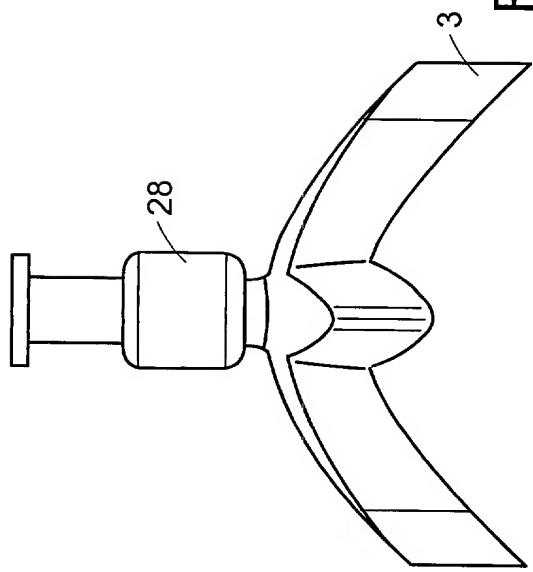


FIG. 49A

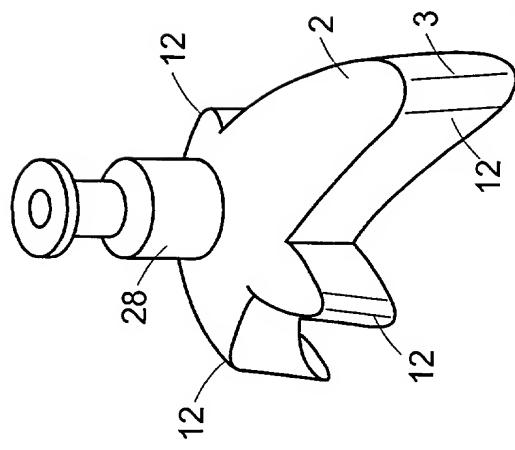


FIG. 49D

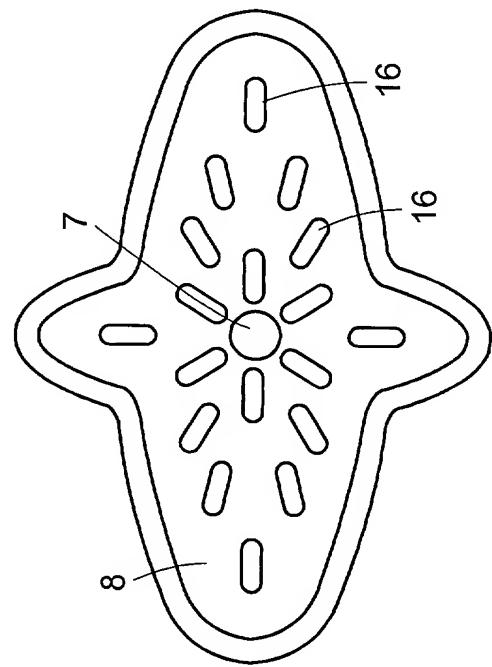
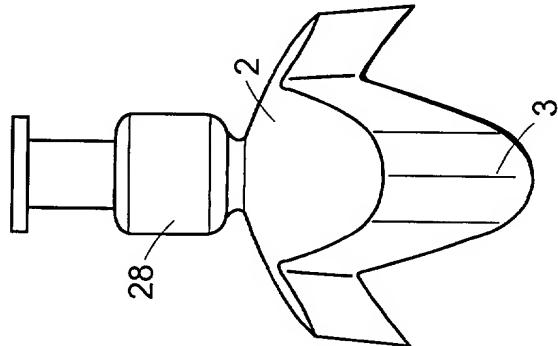


FIG. 49C



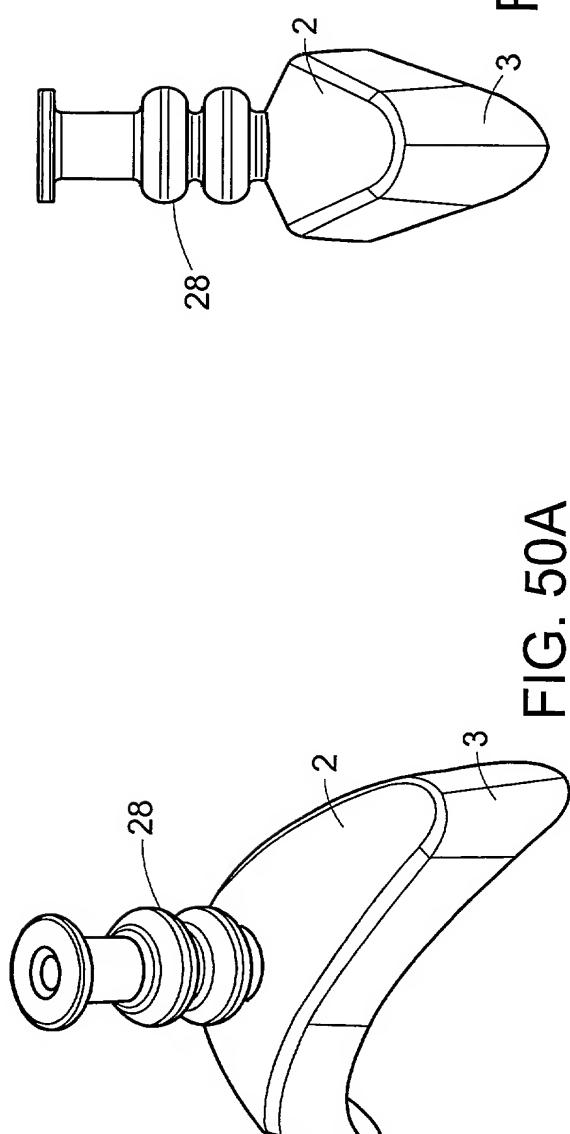


FIG. 50B

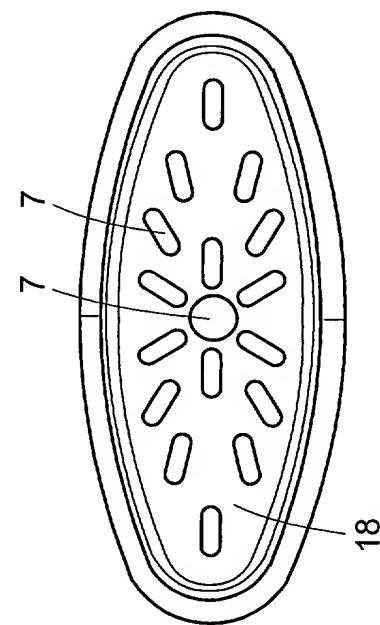
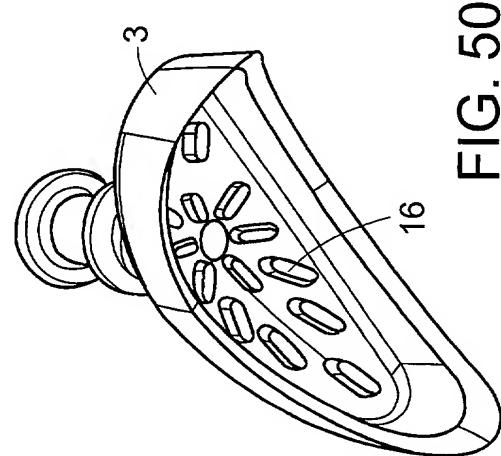
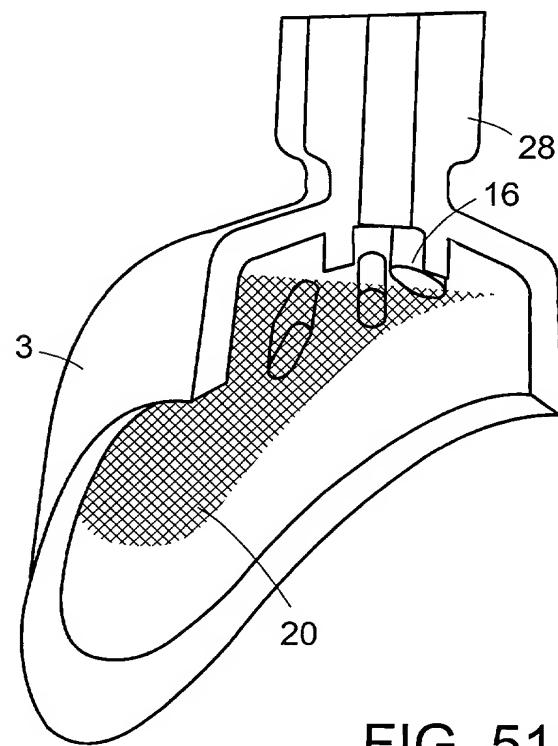
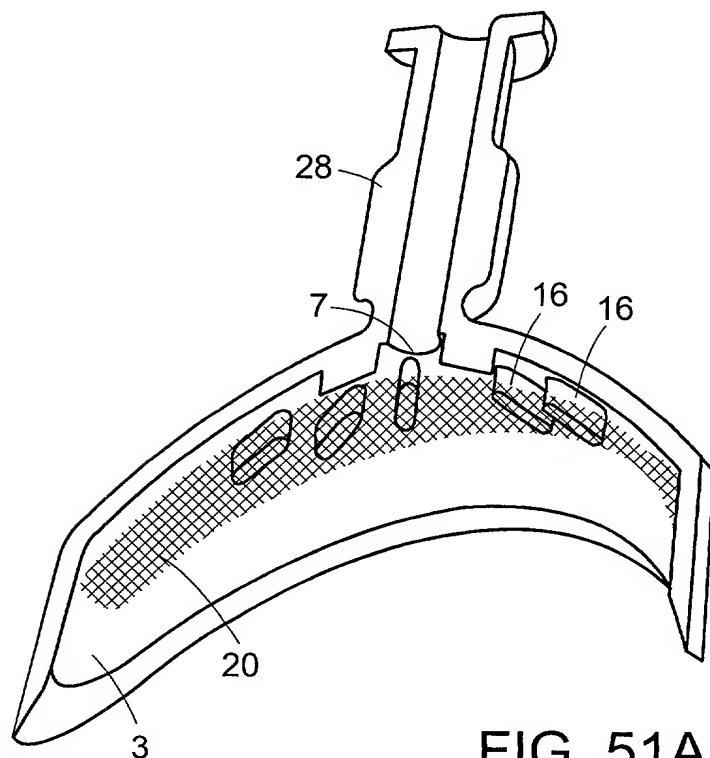


FIG. 50D



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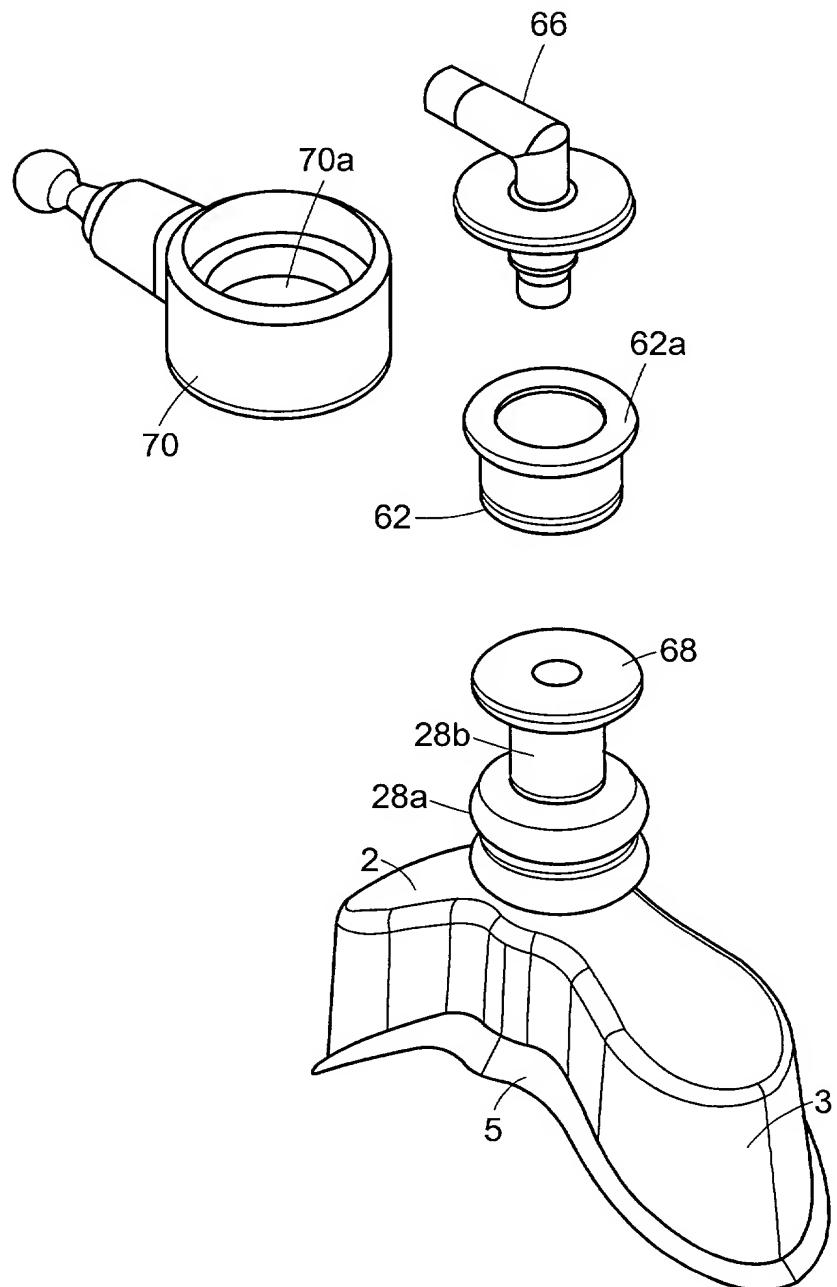


FIG. 52

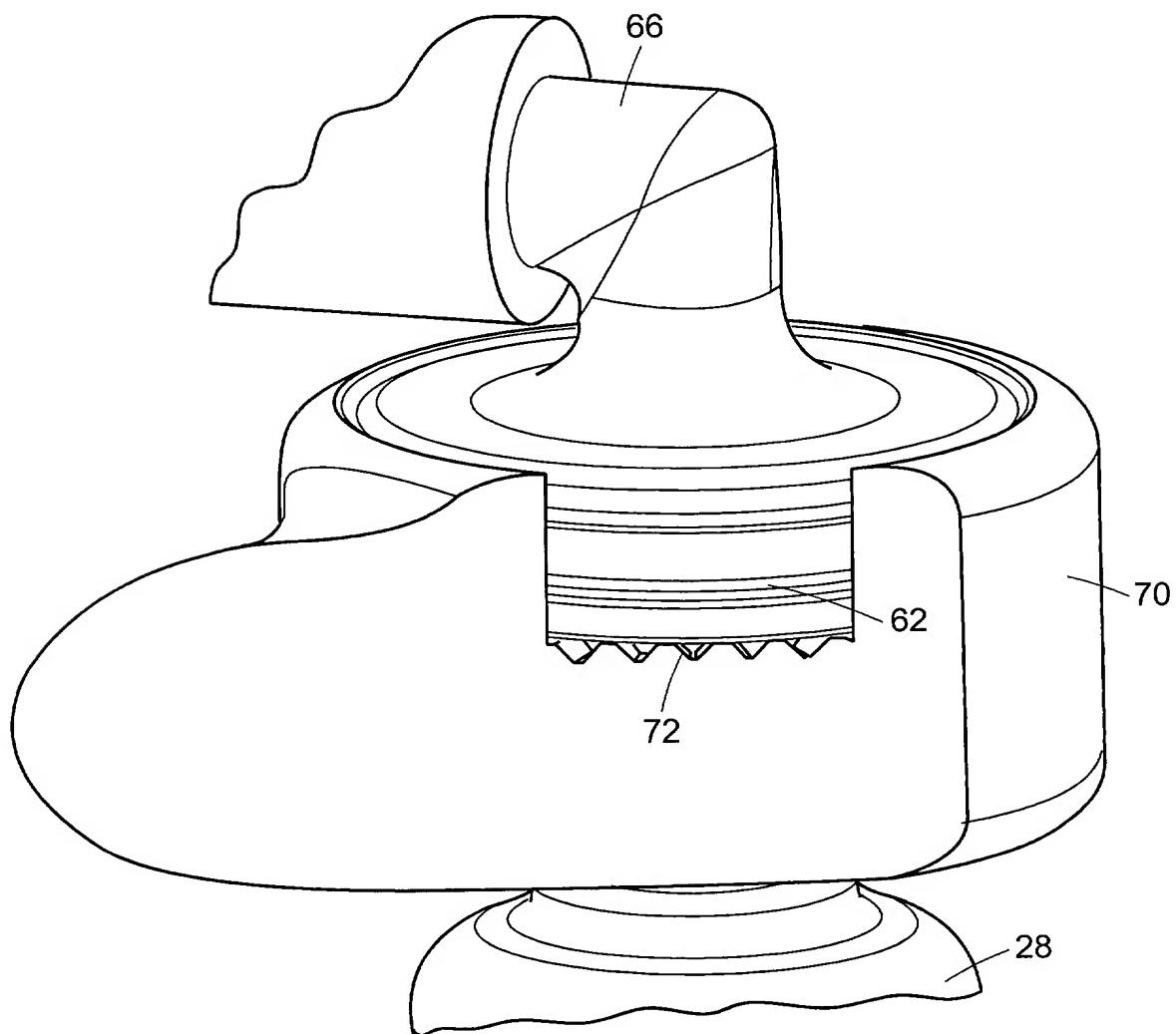
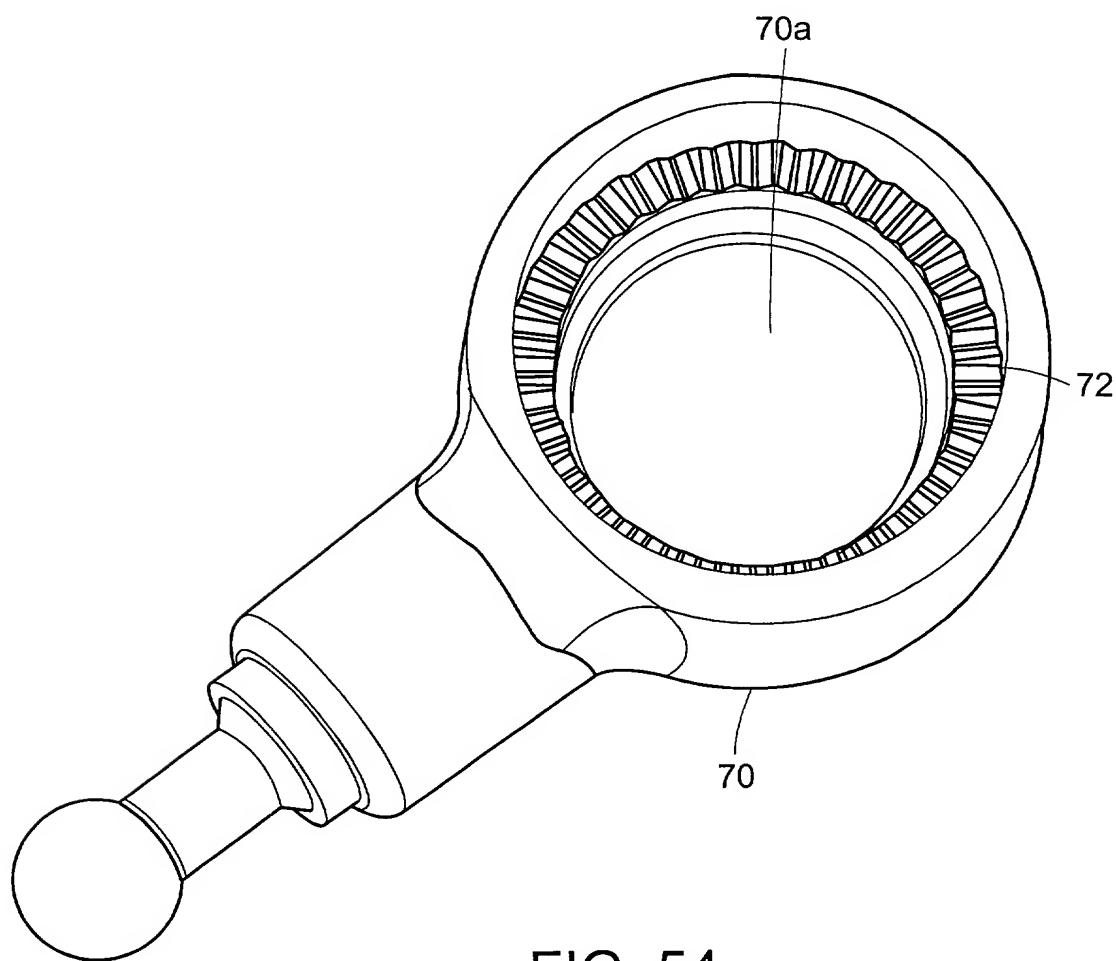


FIG. 53

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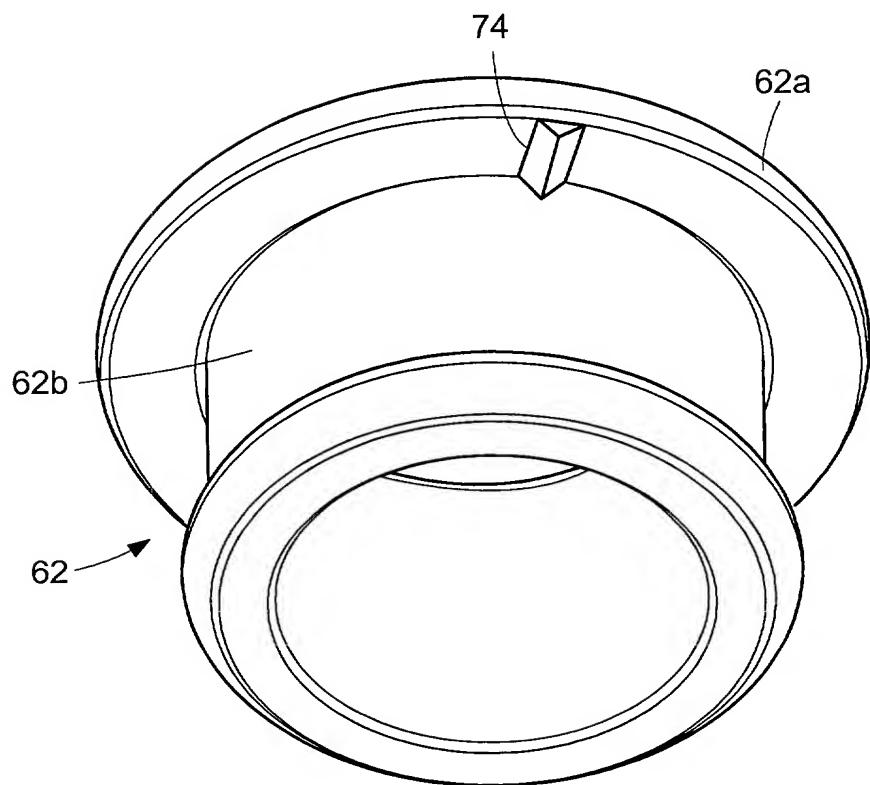


FIG. 55

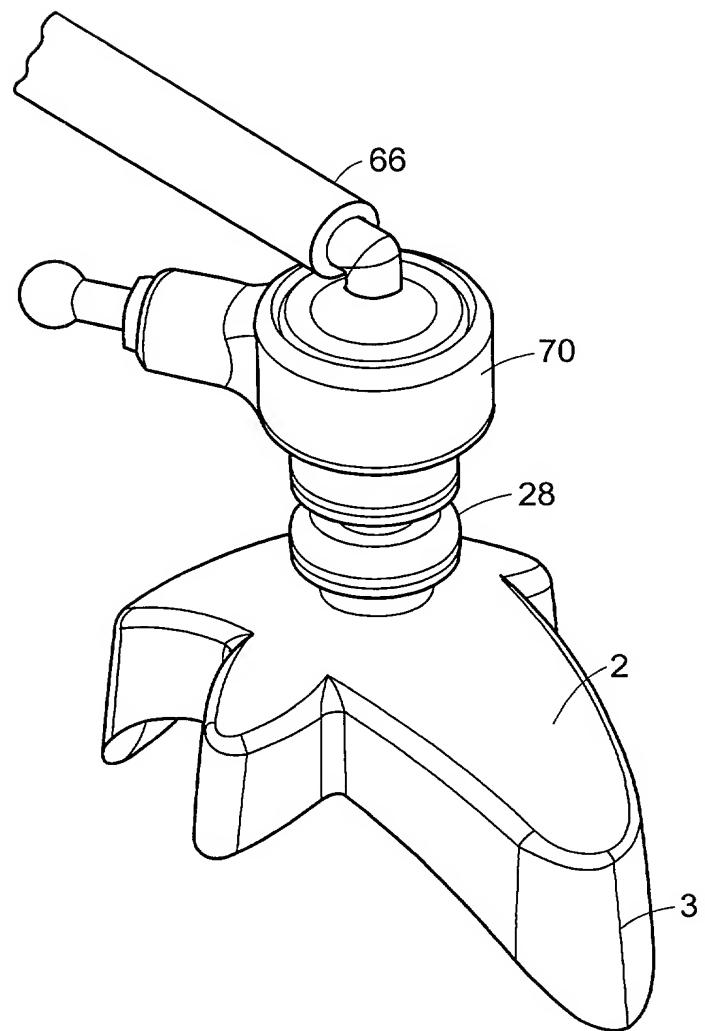


FIG. 56

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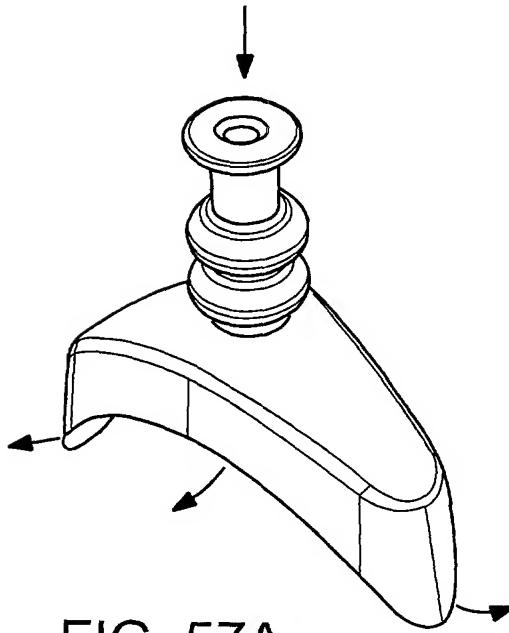


FIG. 57A

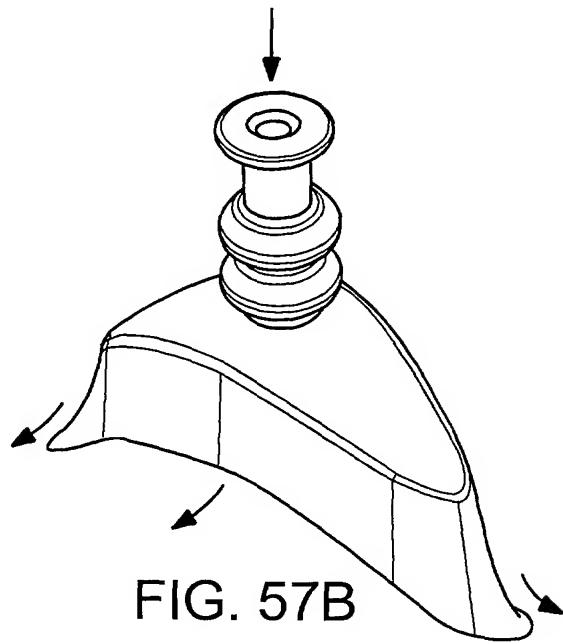


FIG. 57B

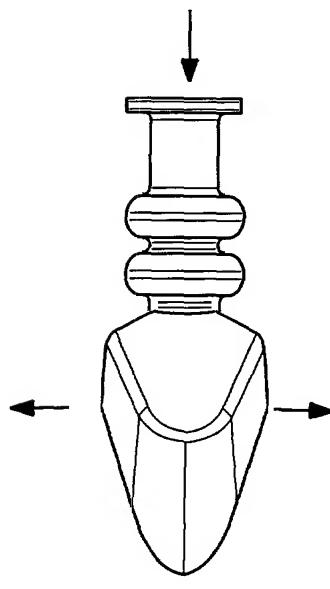


FIG. 58A

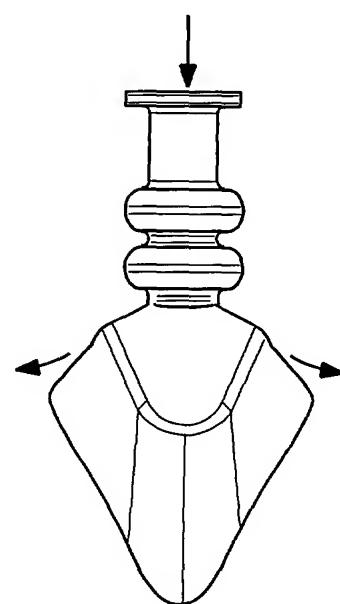


FIG. 58B

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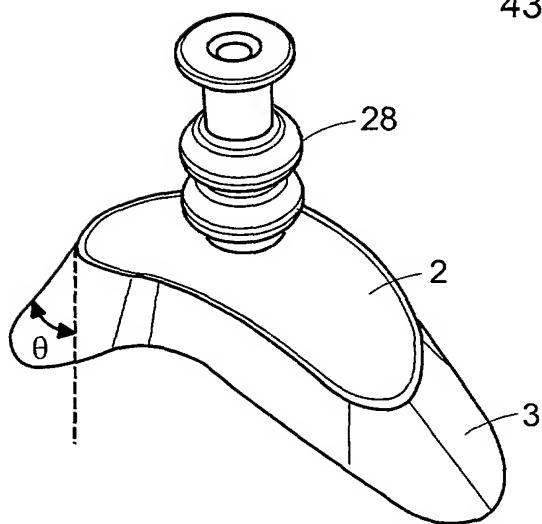


FIG. 59A

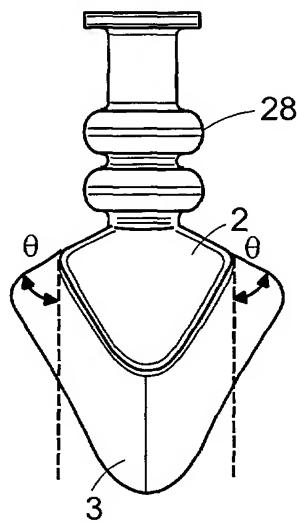


FIG. 59B

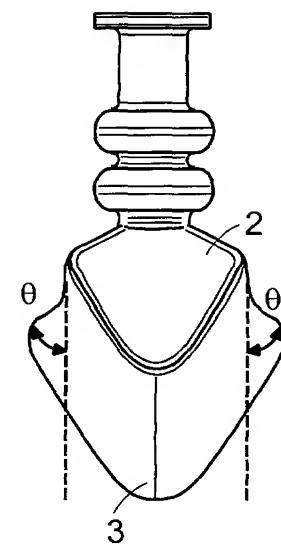


FIG. 59C

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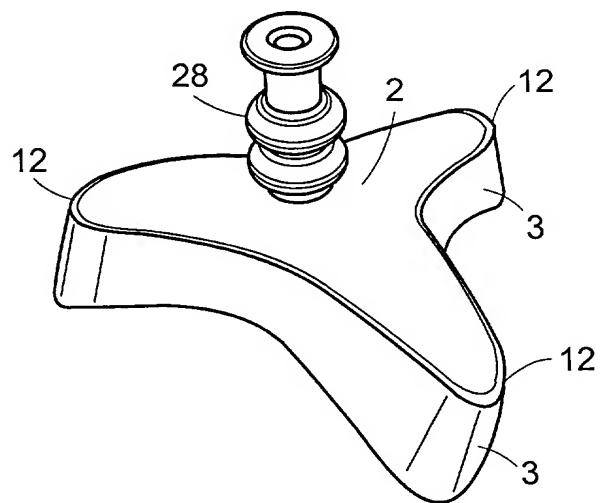


FIG. 60A

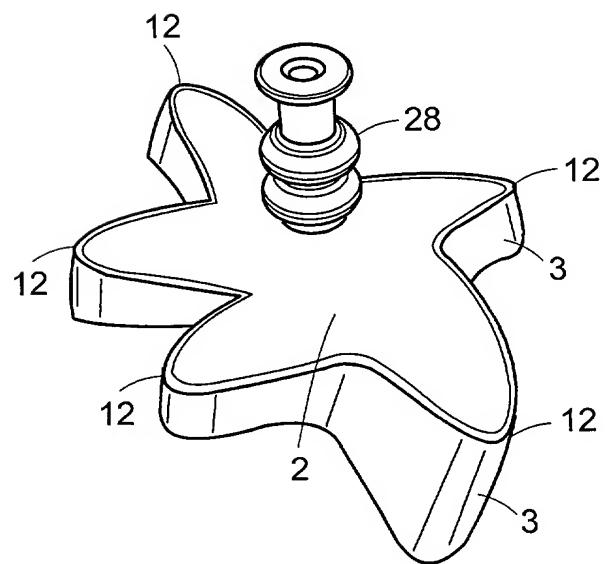


FIG. 60B